










Canada, Statistique bureau  
des utilités  
1966-70









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CATALOGUE No.

55-002

MONTHLY

227  
CANADA  
(DOMINION) BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 8, No. 1

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

(JANUARY) 1966 - 70

During January 1966 field gathering systems and processing plants delivered to gas utilities 111,676,633 Mcf. of natural gas. The transport systems accounted for 84,000,101 Mcf. and distribution systems 27,676,532 Mcf. Natural gas recovered from storage was 9,757,678 Mcf. The total supply of gas utilities amounted to 124,656,348 Mcf., 12.9 per cent higher than in January 1965. Of the total supply 74,106,152 Mcf. were sold to ultimate customers in Canada, an increase of 9.9 per cent. Exports increased 5.6 per cent to 38,644,552 Mcf. from 36,599,820 Mcf. last year. For the twelve month period ended January 1966 exports totalled 406,753,602 Mcf. while net deliveries amounted to 988,924,613 Mcf.

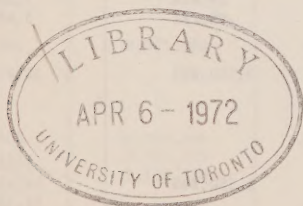
Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 72.9 billion commodity (Mcf.) miles (1,662 million ton miles) during January 1966 compared with 66.2 (1,510 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.4 million Mcf.

Alberta natural gas utilities receipts totalled 96.0 billion cubic feet; of this 25.8 per cent was sold to ultimate customers in Alberta, 15.9 per cent in Ontario, 4.7 per cent in Saskatchewan, 3.8 per cent in Quebec, 5.6 per cent in Manitoba and 1.4 per cent in British Columbia. Exports accounted for 32.6 per cent while the remaining 10.2 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for. In Table 3 gas received from and delivered to storage is considered as having originated or terminated in the province where the storage is located.

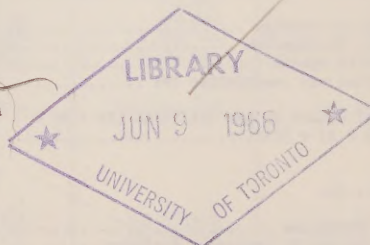
All gas volumes are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60° F; that is, without adjustments to a common B.T.U. base.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.



Industry Division



May 1966  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1966

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	10,708	-	1,538,805
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	10,708	-	1,538,805
4	Imports .....	-	-	3,202,310
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	10,708	-	4,741,115
7	Received from storage .....	-	-	8,187,001
9	Total supply of gas utilities (6 + 7) .....	10,708	-	12,928,116
	Transfers from:			
11	Other provinces .....	-	3,550,893	23,474,609
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	3,550,893	30,768,280
19	Total gross receipts (9 + 11 + 12 + 13) ...	10,708	7,101,786	67,171,005
	<u>Disposition</u>			
	Sales:			
20	Residential .....	8,601	1,692,161	12,205,617
21	Industrial .....	-	1,292,032	8,814,460
22	Commercial .....	-	449,185	5,485,767
30	Total sales (20 + 21 + 22) .....	8,601	3,433,378	26,505,844
31	Exports .....	-	-	399,740
32	Other deliveries .....	-	-	2,436
33	Total net deliveries (30 + 31 + 32) .....	8,601	3,433,378	26,908,020
34	Delivered to storage .....	-	-	126,247
35	Line pack fluctuation .....	-	- 690	2,852
36	Gas used in system .....	106	19,924	2,405,329
37	Line losses and unaccounted for .....	2,001	98,281	3,409,384
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	10,708	3,550,893	32,851,832
	Transfers to:			
40	Other provinces .....	-	-	3,550,893
41	Distribution by transport (primary) .....	-	3,550,893	19,433,329
42	Other gas utilities .....	-	-	11,334,951
49	Total disposition (39 + 40 + 41 + 42) .....	10,708	7,101,786	67,171,005

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.



TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1966

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	January 1965 <sup>1</sup>	No.
					Canada	
Mcf.						
-	-	9,990,213	472,732	10,462,945	9,488,717	1a
-	146,265	57,510,405	15,880,486	73,537,156	66,403,322	1b
-	1,773,164	11,664,371	1,975	14,989,023	11,604,465	2a
-	1,683,806	10,869,025	134,678	12,687,509	13,300,648	2b
-	3,603,235	90,034,014	16,489,871	111,676,633	100,797,152	3
-	-	17,370	-	3,219,680	135,283	4
2,357	-	-	-	2,357	108,455	5
2,357	3,603,235	90,051,384	16,489,871	114,898,670	101,040,890	6
-	969,344	601,333	-	9,757,678	9,345,113	7
2,357	4,572,579	90,652,717	16,489,871	124,656,348	110,386,003	9
36,583,092	41,487,901	3,793	21,287,806	...	...	11
-	1,108,516	131,349	-	1,239,865	1,326,126	12
6,102,524	4,745,679	5,197,385	8,278,724	58,643,485	56,220,795	13
42,687,973	51,914,675	95,985,244	46,056,401	184,539,698	167,932,924	19
2,592,131	3,079,359	8,417,526	2,904,703	30,900,098	30,391,290	20
975,644	2,842,463	8,840,647	3,929,706	26,694,952	22,012,020	21
1,764,219	1,595,651	6,149,343	1,066,937	16,511,102	15,018,273	22
5,331,994	7,517,473	23,407,516	7,901,346	74,106,152	67,421,583	30
6,458,094	-	2,735,060	29,051,658	38,644,552	36,599,820	31
-	-	256,345	-	258,781	246,532	32
11,790,088	7,517,473	26,398,921	36,953,004	113,009,485	104,267,935	33
-	65,527	227,923	-	419,697	493,946	34
2,715	5,969	77,827	7,935	96,608	43,367	35
583,277	1,139,973	156,352	693,403	4,998,364	4,221,592	36
734,760	744,653	1,019,780	123,335	6,132,194	1,359,163	37
13,110,840	9,473,595	27,880,803	37,777,677	124,656,348	110,386,003	39
23,474,609	36,586,885	62,775,707	-	...	...	40
6,102,524	4,745,679	1,930,188	8,015,811	43,778,424	44,305,816	41
-	1,108,516	3,398,546	262,913	16,104,926	13,241,105	42
42,687,973	51,914,675	95,985,244	46,056,401	184,539,698	167,932,924	49

<sup>1</sup> Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	10,462,945				
1b	Processing plants .....	73,537,156				
2	By distribution systems:					
2a	Fields .....	14,989,023				
2b	Processing plants .....	12,687,509				
3	Total (1 + 2) .....	111,676,633				
4	Imports .....	3,219,680				
5	Other receipts(1) .....	2,357				
6	Total net receipts (3 + 4 + 5) .....	114,898,670				
7	Received from storage .....	9,757,678				
9	Total supply of gas utilities (6 + 7) .....	124,656,348				
	Transfers from:					
11	Other provinces .....	...				
12	Distribution to transport (primary) .....	1,239,865				
13	Other gas utilities .....	58,643,485				
19	Total gross receipts (9 + 11 + 12 + 13) ...	184,539,698				
	<u>Disposition</u>					
	Sales:					
20	Residential .....	30,900,098				
21	Industrial .....	26,694,952				
22	Commercial .....	16,511,102				
30	Total sales (20 + 21 + 22) .....	74,106,152				
31	Exports .....	38,644,552				
32	Other deliveries .....	258,781				
33	Total net deliveries (30 + 31 + 32) .....	113,009,485				
34	Delivered to storage .....	419,697				
35	Line pack fluctuation .....	96,608				
36	Gas used in system .....	4,998,364				
37	Line losses and unaccounted for .....	6,132,194				
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	124,656,348				
	Transfers to:					
40	Other provinces .....	...				
41	Distribution by transport (primary) .....	43,778,424				
42	Other gas utilities .....	16,104,926				
49	Total disposition (39 + 40 + 41 + 42) .....	184,539,698				

(1) Includes peak shaving and enrichment.

r Revised figures.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

June	July	August	September	October	November	December	Year to date		No.
							1966	1965 <sup>c</sup>	
				Mcf.					
							10,462,945	9,488,717	1a
							73,537,156	66,403,322	1b
							14,989,023	11,604,465	2a
							12,687,509	13,300,648	2b
							111,676,633	100,797,152	3
							3,219,680	135,283	4
							2,357	108,455	5
							114,898,670	101,040,890	6
							9,757,678	9,345,113	7
							124,656,348	110,386,003	9
							...	...	11
							1,239,865	1,326,126	12
							58,643,485	56,220,795	13
							184,539,698	167,932,924	19
							30,900,098	30,391,290	20
							26,694,952	22,012,020	21
							16,511,102	15,018,273	22
							74,106,152	67,421,583	30
							38,644,552	36,599,820	31
							258,781	246,532	32
							113,009,485	104,267,935	33
							419,697	493,946	34
							96,608	43,367	35
							4,998,364	4,221,592	36
							6,132,194	1,359,163	37
							124,656,348	110,386,003	39
							...	...	40
							43,778,424	44,305,816	41
							16,104,926	13,241,105	42
							184,539,698	167,932,924	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

January 1968

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields .....	-	-	-	9,990,213	472,732	...	10,462,945
1b	Processing plants .....	-	-	146,265	57,510,405	15,880,486	...	73,537,156
2	By distribution systems:							
2a	Fields .....	10,708	1,538,805	1,773,164	11,664,371	1,975	...	14,989,023
2b	Processing plants .....	-	-	1,683,806	10,869,025	134,678	...	12,687,509
3	Total (1 + 2) .....	10,708	1,538,805	3,603,235	90,034,014	-	...	111,676,633
4	Imports .....	...	...	...	...	...	3,219,680	3,219,680
5	Other receipts (1) .....	-	-	-	2,357	-	...	2,357
6	Total net receipts (3 + 4 + 5) .....	10,708	1,538,805	3,603,235	90,036,371	16,489,871	3,219,680	114,898,670
7	Received from storage .....	-	8,187,001	969,344	601,333	-	...	9,757,678
9	Total supply of gas utilities (6 + 7) .....	10,708	9,725,806	4,572,579	90,637,704	16,489,871	3,219,680	124,656,348
	<u>Disposition</u>							
	Sales:							
23	British Columbia .....	-	-	-	1,262,537	6,638,809	-	7,901,346
24	Alberta .....	-	-	3,793	23,386,353	-	17,370	23,407,516
25	Saskatchewan .....	-	-	3,222,865	4,294,608	-	-	7,517,473
26	Manitoba .....	-	-	299,031	5,032,963	-	-	5,331,994
27	Ontario .....	-	8,896,432	-	14,407,102	-	3,202,310	26,505,844
28	Quebec .....	-	-	-	3,433,378	-	-	3,433,378
29	New Brunswick .....	8,601	-	-	-	-	-	8,601
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	8,601	8,896,432	3,525,689	51,816,941	6,638,809	3,219,680	74,106,152
31	Exports .....	-	-	-	29,568,246	9,076,306	-	38,644,552
32	Other deliveries .....	-	-	-	258,781	-	-	258,781
33	Total net deliveries (30 + 31 + 32) .....	8,601	8,896,432	3,525,689	81,643,968	15,715,115	3,219,680	113,009,485
34	Delivered to storage .....	-	-	65,527	354,170	-	-	419,697
35	Line pack fluctuation .....	-	-	- 5,796	98,715	3,689	-	96,608
36	Gas used in system .....	106	27,450	175,817	4,188,729	606,262	-	4,998,364
37	Line losses and unaccounted for .....	2,001	801,924	811,342	4,352,122	164,805	-	6,132,194
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	10,708	9,725,806	4,572,579	90,637,704	16,489,871	3,219,680	124,656,348

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

January 1966

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
January 1966:			
Daily average .....	2,658,805	2,390,521	3,379,415
Maximum(1) .....	2,834,533	...	...
Minimum(1) .....	2,489,158	...	...
Exports maximum(1) .....	1,316,473	...	1,316,473
January 1965:			
Daily average .....	2,609,859	2,148,503	3,353,028
Maximum(1) .....	3,086,555	...	...
Minimum(1) .....	2,094,639	...	...
Year to date 1966:			
Daily average .....	2,658,805	2,390,521	3,379,415
Maximum(1) .....	2,834,533	...	...
Minimum(1) .....	2,489,158	...	...
Commodity miles:			
Mcf. miles (thousands) .....	72,902,881	..	..
Ton-miles (millions) .....	1,662	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,847,374	..	..
End of month (Mcf.) .....	7,960,166	..	..
Operating revenues .....	..	(\$ )50,600,529	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

January 1966

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	65,725	157,589
Deliveries to ultimate customers .....	71,347	147,316
Line pack fluctuations .....	-	3,614
Gas used in system .....	-	2,162
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 5,622	4,497
Total disposition .....	65,725	157,589
Daily average sendout .....	2,301	4,752
Revenues .....	47,807	222,449



TABLE 6. Exports and Imports to and from the United States  
January 1966

Customs port	Exports	Imports
	Mcf.	
Cornwall, Ontario .....	399,740	-
Niagara Falls, Ontario .....	-	2,160,259
Ojibway, Ontario .....	-	1,042,051
Emerson, Manitoba .....	6,458,094	-
Coutts, Alberta .....	293	17,370
Aden, Alberta .....	1,741,953	-
Carway, Alberta .....	992,814	-
Kingsgate, British Columbia - U.S.A. District V South(1)	14,393,664	-
Other U.S.A. ....	4,187,256	-
Huntingdon, British Columbia .....	10,470,738	-
Canada - 1966 .....	38,644,552	3,219,680
1965 .....	36,599,820	135,283

(1) California, Nevada, Arizona.

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GAS UTILITIES  
(Transport and Distribution Systems)

FEBRUARY 1966



During February 1966 field gathering systems and processing plants delivered to gas utilities 95,262,610 Mcf., of natural gas. The transport systems accounted for 73,727,596 Mcf. and the distribution systems 21,535,014 Mcf. Natural gas recovered from storage was 6,568,074 Mcf. The total supply of gas utilities amounted to 104,691,213 Mcf., 6.8 per cent higher than in February 1965. Of the total supply 71,232,500 Mcf. were sold to ultimate customers in Canada, an increase of 14.3 per cent. Exports increased 2.7 per cent to 34,761,484 Mcf. from 33,845,506 Mcf. last year. For the twelve month period ended February 1966 exports totalled 407,669,735 Mcf. while net deliveries amounted to 998,814,492 Mcf.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 64.9 billion commodity (Mcf.) miles (1,479 million ton-miles) during February 1966 compared with 60.1 billion (1,370 million ton-miles) last year. The daily average deliveries of gas utilities amounted to 3.8 million Mcf.

Alberta natural gas utilities receipts totalled 76.4 billion cubic feet; of this 26.6 per cent was sold to ultimate customers in Alberta, 22.4 per cent in Ontario, 4.4 per cent in Saskatchewan, 4.0 per cent in Quebec, 6.0 per cent in Manitoba and 1.6 per cent in British Columbia. Exports accounted for 35.1 per cent while the remaining -0.1 per cent comprised other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for. In Table 3 gas received from storage is considered as originating in the province in which the storage is located. Gas delivered to storage is a terminal entry in the province of origin.

All gas volumes are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60° F; that is, without adjustments to a common B.T.U. base.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "Line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

June 1966  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

February 1966

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	9,775	-	1,500,887
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	9,775	-	1,500,887
4	Imports .....	-	-	2,847,661
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	9,775	-	4,348,548
7	Received from storage .....	-	-	5,819,830
9	Total supply of gas utilities (6 + 7) .....	9,775	-	10,168,378
	Transfers from:			
11	Other provinces .....	-	3,355,683	21,121,683
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	3,345,462	26,495,172
19	Total gross receipts (9 + 11 + 12 + 13) ...	9,775	6,701,145	57,785,233
	<u>Disposition</u>			
	Sales:			
20	Residential .....	5,982	1,389,156	13,233,792
21	Industrial .....	-	1,264,114	8,660,690
22	Commercial .....	-	395,826	5,650,496
30	Total sales (20 + 21 + 22) .....	5,982	3,049,096	27,544,978
31	Exports .....	-	10,221	326,054
32	Other deliveries .....	-	-	3,206
33	Total net deliveries (30 + 31 + 32) .....	5,982	3,059,317	27,874,238
34	Delivered to storage .....	-	-	497,714
35	Line pack fluctuation .....	-	481	56,182
36	Gas used in system .....	116	16,630	2,133,858
37	Line losses and unaccounted for .....	3,677	279,255	2,627,614
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,775	3,355,683	27,934,378
	Transfers to:			
40	Other provinces .....	-	-	3,355,683
41	Distribution by transport (primary) .....	-	3,345,462	17,399,298
42	Other gas utilities .....	-	-	9,095,874
49	Total disposition (39 + 40 + 41 + 42) .....	9,775	6,701,145	57,785,233

(1) Includes peak shaving and enrichment.  
x Revised figures.



TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

February 1966

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	February 1965 <sup>1</sup>	No.
					Canada	
Mcf.						
-	-	8,719,389	480,288	9,199,677	8,507,072	1a
-	347,507	50,683,526	13,496,886	64,527,919	59,093,006	1b
-	1,689,702	7,340,658	-	10,541,022	9,923,069	2a
-	1,495,895	9,413,245	84,852	10,993,992	11,946,834	2b
-	3,533,104	76,156,818	14,062,026	95,262,610	89,469,981	3
-	-	13,432	-	2,861,093	315,150	4
- 564	-	-	-	- 564	150,362	5
- 564	3,533,104	76,170,250	14,062,026	98,123,139	89,935,493	6
-	469,377	278,867	-	6,568,074	8,095,065	7
- 564	4,002,481	76,449,117	14,062,026	104,691,213	98,030,558	9
32,541,984	36,396,719	-	18,931,356	...	...	11
-	667,774	-	-	667,774	1,345,539	12
4,681,845	3,874,570	4,177,599	7,060,416	49,635,064	48,080,279	13
37,223,265	44,941,544	80,626,716	40,053,798	154,994,051	147,456,376	19
2,524,005	3,352,320	7,381,468	2,240,765	30,127,488	28,283,381	20
714,738	3,080,339	7,549,510	3,850,392	25,119,783	20,359,709	21
1,814,699	1,770,112	5,394,202	959,894	15,985,229	13,669,054	22
- 5,053,442	8,202,771	20,325,180	7,051,051	71,232,500	62,312,144	30
6,302,400	-	2,478,807	25,644,002	34,761,484	33,845,506	31
-	-	263,164	-	266,370	212,825	32
11,355,842	8,202,771	23,067,151	32,695,053	106,260,354	96,370,475	33
-	115,913	199,780	-	813,407	502,380	34
14,430	48,709	- 16,586	- 165,946	- 62,730	255,996	35
513,525	1,000,518	102,280	642,652	4,409,579	3,438,398	36
- 464,060	- 1,510,695	- 2,231,583	- 178,377	- 6,729,397	- 2,536,691	37
11,419,737	7,857,216	21,121,042	32,993,382	104,691,213	98,030,558	39
21,121,683	32,541,984	55,328,075	-	...	...	40
4,681,845	3,892,641	1,314,779	6,877,701	37,511,726	38,417,169	41
-	649,703	2,862,820	182,715	12,791,112	11,008,649	42
37,223,265	44,941,544	80,626,716	40,053,798	154,994,051	147,456,376	49

... Not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	10,462,945	9,199,677			
1b	Processing plants .....	73,537,156	64,527,919			
2	By distribution systems:					
2a	Fields .....	14,989,023	10,541,022			
2b	Processing plants .....	12,687,509	10,993,992			
3	Total (1 + 2) .....	111,676,633	95,262,610			
4	Imports .....	3,219,680	2,861,093			
5	Other receipts(1) .....	2,357	- 564			
6	Total net receipts (3 + 4 + 5) .....	114,898,670	98,123,139			
7	Received from storage .....	9,757,678	6,568,074			
9	Total supply of gas utilities (6 + 7) .....	124,656,348	104,691,213			
	Transfers from:					
11	Other provinces .....	...	...			
12	Distribution to transport (primary) .....	1,239,865	667,774			
13	Other gas utilities .....	58,643,485	49,635,064			
19	Total gross receipts (9 + 11 + 12 + 13) ...	184,539,698	154,994,051			
	<u>Disposition</u>					
	Sales:					
20	Residential .....	30,900,098	30,127,488			
21	Industrial .....	26,694,952	25,119,783			
22	Commercial .....	16,511,102	15,985,229			
30	Total sales (20 + 21 + 22) .....	74,106,152	71,232,500			
31	Exports .....	38,644,552	34,761,484			
32	Other deliveries .....	258,781	266,370			
33	Total net deliveries (30 + 31 + 32) .....	113,009,485	106,260,354			
34	Delivered to storage .....	419,697	813,407			
35	Line pack fluctuation .....	96,608	- 62,730			
36	Gas used in system .....	4,998,364	4,409,579			
37	Line losses and unaccounted for .....	6,132,194	- 6,729,397			
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	124,656,348	104,691,213			
	Transfers to:					
40	Other provinces .....	...	...			
41	Distribution by transport (primary) .....	43,778,424	37,511,726			
42	Other gas utilities .....	16,104,926	12,791,112			
49	Total disposition (39 + 40 + 41 + 42) .....	184,539,698	154,994,051			

(1) Includes peak shaving and enrichment.  
r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

June	July	August	September	October	November	December	Year to date		No.
							1966	1965 <sup>F</sup>	
Mcf.									
							19,662,622 138,065,075	17,995,789 125,496,328	1a 1b
							25,530,045 23,681,501	21,527,534 25,247,482	2a 2b
							206,939,243	190,267,133	3
							6,080,773 1,793	450,433 258,817	4 5
							213,021,809	190,976,383	6
							16,325,752	17,440,178	7
							229,347,561	208,416,561	9
							...	...	11
							1,907,639 108,278,549	2,671,665 104,301,074	12 13
							339,533,749	315,389,300	19
							61,027,586 51,814,735 32,496,331	58,674,671 42,371,729 28,687,327	20 21 22
							145,338,652	129,733,727	30
							73,406,036 525,151	70,445,326 459,357	31 32
							219,269,839	200,638,410	33
							1,233,104 33,878	996,326 299,363	34 35
							9,407,943 - 597,203	7,659,990 - 1,177,528	36 37
							229,347,561	208,416,561	39
							...	...	40
							81,290,150 28,896,038	82,722,985 24,249,754	41 42
							339,533,749	315,389,300	49



TABLE 3. Receipts and Disposition of Natural Gas by Source

February 1966

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields .....	-	-	-	8,719,389	480,288	...	9,199,677
1b	Processing plants .....	-	-	347,507	50,683,526	13,496,886	...	64,527,919
2	By distribution systems:							
2a	Fields .....	9,775	1,500,887	1,689,702	7,340,658	-	...	10,541,022
2b	Processing plants .....	-	-	1,495,895	9,413,245	84,852	...	10,993,992
3	Total (1 + 2) .....	9,775	1,500,887	3,533,104	76,156,818	14,062,026	...	95,262,610
4	Imports .....	...	...	...	...	...	2,861,093	2,861,093
5	Other receipts (1) .....	-	-	-	- 564	-	...	- 564
6	Total net receipts (3 + 4 + 5) .....	9,775	1,500,887	3,533,104	76,156,254	14,062,026	2,861,093	98,123,139
7	Received from storage .....	-	5,819,830	469,377	278,867	-	...	6,568,074
9	Total supply of gas utilities (6 + 7) .....	9,775	7,320,717	4,002,481	76,435,121	14,062,026	2,861,093	104,691,213
	<u>Disposition</u>							
	Sales:							
23	British Columbia .....	-	-	-	1,217,894	5,833,157	-	7,051,051
24	Alberta .....	-	-	-	20,311,748	-	13,432	20,325,180
25	Saskatchewan .....	-	-	4,836,080	3,366,691	-	-	8,202,771
26	Manitoba .....	-	-	469,056	4,584,386	-	-	5,053,442
27	Ontario .....	-	7,595,567	-	17,101,750	-	2,847,661	27,544,978
28	Quebec .....	-	-	-	3,049,096	-	-	3,049,096
29	New Brunswick .....	5,982	-	-	-	-	-	5,982
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	5,982	7,595,567	5,305,136	49,631,565	5,833,157	2,861,093	71,232,500
31	Exports .....	-	-	-	26,855,953	7,905,531	-	34,761,484
32	Other deliveries .....	-	-	-	266,370	-	-	266,370
33	Total net deliveries (30 + 31 + 32) .....	5,982	7,595,567	5,305,136	76,753,888	13,738,688	2,861,093	106,260,354
34	Delivered to storage .....	-	-	115,913	697,494	-	-	813,407
35	Line pack fluctuation .....	-	18,500	- 13,821	99,992	- 167,401	-	- 62,730
36	Gas used in system .....	116	31,850	152,119	3,656,101	569,393	-	4,409,579
37	Line losses and unaccounted for .....	3,677	- 325,200	- 1,556,866	- 4,772,354	- 78,654	-	- 6,729,397
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,775	7,320,717	4,002,481	76,435,121	14,062,026	2,861,093	104,691,213

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

February 1966

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
February 1966:			
Daily average .....	2,581,186	2,544,018	3,824,063
Maximum(1) .....	2,741,786	...	...
Minimum(1) .....	2,401,658	...	...
Exports maximum(1) .....	1,281,174	...	...
February 1965:			
Daily average .....	2,580,810	2,200,006	3,434,318
Maximum(1) .....	3,034,824	...	...
Minimum(1) .....	2,349,723	...	...
Year to date 1966:			
Daily average .....	2,621,969	2,463,367	3,737,338
Maximum(1) .....	2,834,533	...	...
Minimum(1) .....	2,401,658	...	...
Commodity miles:			
Mcf. miles (thousands) .....	64,890,059	..	..
Ton-miles (millions) .....	1,479	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,960,166	..	..
End of month (Mcf.) .....	7,881,448	..	..
Operating revenues .....	..	49,539,600(2)	..

(1) Non-coincident.

(2) Estimated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

February 1966

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	60,566	132,505
Deliveries to ultimate customers .....	60,502	120,392
Line pack fluctuations .....	-	- 376
Gas used in system .....	-	1,869
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	64	10,620
Total disposition .....	60,566	132,505
Daily average sendout .....	2,161	4,300
Revenues .....	36,530	187,097(1)

(1) Estimated.

TABLE 6. Exports and Imports to and from the United States

February 1966

Customs port	Exports	Imports
	Mcf.	
Phillipsburg, Quebec .....	10,221	-
Cornwall, Ontario .....	326,054	-
Niagara Falls, Ontario .....	-	1,771,470
Ojibway, Ontario .....	-	1,076,191
Emerson, Manitoba .....	6,302,400	-
Coutts, Alberta .....	214	13,432
Aden, Alberta .....	1,609,324	-
Carway, Alberta .....	869,269	-
Kingsgate, British Columbia - U.S.A. District V South(1)	12,679,830	-
Other U.S.A. ....	3,718,258	-
Huntingdon, British Columbia .....	9,245,914	-
Canada - 1966 .....	34,761,484	2,861,093
1965 .....	33,845,506	315,150

(1) California, Nevada, Arizona.



CATALOGUE No.

55-002

MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 8 , No. 3

Price: 20 cents, \$2.00 a year

## GAS UTILITIES (Transport and Distribution Systems)

MARCH 1966

During March 1966 field gathering systems and processing plants delivered to gas utilities 100,734,601 Mcf. of natural gas. The transport systems accounted for 77,969,076 Mcf. and distribution systems 22,765,525 Mcf. Natural gas recovered from storage was 4,225,721 Mcf. The total supply of gas utilities amounted to 108,002,338 Mcf., 3.8 per cent higher than in March 1965. Of the total supply 66,479,658 Mcf. were sold to ultimate customers in Canada, an increase of 9.7 per cent. Exports increased 2.6 per cent to 38,020,917 Mcf. from 37,040,549 Mcf. last year. For the twelve month period ended March 1966 exports totalled 408,650,103 Mcf. while net deliveries amounted to 1,005,728,309 Mcf.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas amounted to 67.5 billion commodity (Mcf.) miles (1,539 million ton miles) during March 1966 compared with 68.0 billion (1,550 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.4 million Mcf.

Alberta natural gas utilities receipts totalled 79.5 billion cubic feet; of this 23.4 per cent was sold to ultimate customers in Alberta, 21.0 per cent in Ontario, 3.9 per cent in Saskatchewan, 4.0 per cent in Quebec, 4.6 per cent in Manitoba and 1.6 per cent in British Columbia. Exports accounted for 36.9 per cent while the remaining 4.6 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for. In Table 3 gas received from storage is considered as having originated in the province where the storage is located and gas delivered to storage as a terminal entry in the province of origin.

All gas volumes are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60° F; that is, without adjustments to a common B.T.U. base except when otherwise indicated.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximation; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives the Supply and Disposition of Natural Gas by Source.

Industry Division

June 1966  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1966

No.		New Brunswick	Mcf.		Quebec	Ontario
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	By distribution systems:					
2a	Fields .....	9,537	-	-	2,085,871	-
2b	Processing plants .....	-	-	-	-	-
3	Total (1 + 2) .....	9,537	-	-	2,085,871	-
4	Imports .....	-	-	-	3,029,419	-
5	Other receipts(1) .....	-	-	-	-	-
6	Total net receipts (3 + 4 + 5) .....	9,537	-	-	5,115,290	-
7	Received from storage .....	-	-	-	3,639,385	-
9	Total supply of gas utilities (6 + 7) .....	9,537	-	-	8,754,675	-
	Transfers from:					
11	Other provinces .....	-	3,632,865	-	23,288,045	-
12	Distribution to transport (primary) .....	-	-	-	-	-
13	Other gas utilities .....	-	3,613,975	-	28,389,501	-
19	Total gross receipts (9 + 11 + 12 + 13) ...	9,537	7,246,840	-	60,432,221	-
	<u>Disposition</u>					
	Sales:					
20	Residential .....	4,082	1,230,866	-	10,634,933	-
21	Industrial .....	-	1,593,788	-	9,797,880	-
22	Commercial .....	1,878	342,133	-	5,045,825	-
30	Total sales (20 + 21 + 22) .....	5,960	3,166,787	-	25,478,638	-
31	Exports .....	-	18,890	-	339,308	-
32	Other deliveries .....	-	-	-	2,045	-
33	Total net deliveries (30 + 31 + 32) .....	5,960	3,185,677	-	25,819,991	-
34	Delivered to storage .....	-	-	-	822,565	-
35	Line pack fluctuation .....	-	- 1,110	-	14,460	-
36	Gas used in system .....	83	11,049	-	2,142,177	-
37	Line losses and unaccounted for .....	3,494	437,249	-	389,338	-
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,537	3,632,865	-	28,409,855	-
	Transfers to:					
40	Other provinces .....	-	-	-	3,632,865	-
41	Distribution by transport (primary) .....	-	3,613,975	-	19,659,068	-
42	Other gas utilities .....	-	-	-	8,730,433	-
49	Total disposition (39 + 40 + 41 + 42) .....	9,537	7,246,840	-	60,432,221	-

(1) Includes peak shaving and enrichment.

(2) Estimated.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1966

Manitoba(2)	Saskatchewan	Alberta	British Columbia	Canada	March 1965 <sup>a</sup>	No.
					Canada	
Mcf.						
-	-	8,268,916	527,291	8,796,207	9,392,957	1a
-	467,893	53,748,881	14,956,095	69,172,869	65,860,534	1b
-	1,633,676	7,721,199	-	11,450,283	10,077,510	2a
-	1,597,519	9,637,017	80,706	11,315,242	12,503,035	2b
-	3,699,088	79,376,013	15,564,092	100,734,601	97,834,036	3
-	-	11,596	-	3,041,015	206,733	4
1,001	-	-	-	1,001	91,024	5
1,001	3,699,088	79,387,609	15,564,092	103,776,617	98,131,793	6
-	433,373	152,963	-	4,225,721	5,954,522	7
1,001	4,132,461	79,540,572	15,564,092	108,002,338	104,086,315	9
34,373,326	37,419,930	-	21,121,876	...	...	11
-	614,077	-	-	614,077	1,375,707	12
3,953,584	3,160,425	4,689,662	7,748,458	51,555,605	52,134,143	13
38,327,911	45,326,893	84,230,234	44,434,426	160,172,020	157,596,165	19
2,016,197	2,596,255	5,933,372	2,407,571	24,823,276	24,596,812	20
911,348	3,057,032	8,185,730	4,554,337	28,100,115	23,045,019	21
1,447,639	1,398,713	4,482,798	837,281	13,556,267	12,962,171	22
4,375,184	7,052,000	18,601,900	7,799,189	66,479,658	60,604,002	30
6,714,029	-	2,576,114	28,372,576	38,020,917	37,040,549	31
-	-	263,685	-	265,730	207,937	32
11,089,213	7,052,000	21,441,699	36,171,765	104,766,305	97,852,488	33
-	134,153	338,391	-	1,295,109	638,140	34
10,845	56,589	- 45,629	26,055	61,210	34,978	35
521,711	987,399	93,838	684,847	4,441,104	4,434,614	36
- 535,487	- 1,051,076	- 829,533	- 196,699	- 2,561,390	1,126,095	37
11,086,282	7,179,065	20,998,766	36,685,968	108,002,338	104,086,315	39
23,288,045	34,373,326	58,541,806	-	...	...	40
3,953,584	3,160,425	1,083,925	7,559,434	39,030,411	40,398,962	41
-	614,077	3,605,737	189,024	13,139,271	13,110,888	42
38,327,911	45,326,893	84,230,234	44,434,426	160,172,020	157,596,165	49

<sup>F</sup> Revised figures.

... Figures not appropriate or not applicable.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	10,462,945	9,199,677	8,796,207		
1b	Processing plants .....	73,537,156	64,527,919	69,172,869		
2	By distribution systems:					
2a	Fields .....	14,989,023	10,541,022	11,450,283		
2b	Processing plants .....	12,687,509	10,993,992	11,315,242		
3	Total (1 + 2) .....	111,676,633	95,262,610	100,734,601		
4	Imports .....	3,219,680	2,861,093	3,041,015		
5	Other receipts(1) .....	2,357	- 564	1,001		
6	Total net receipts (3 + 4 + 5) .....	114,898,670	98,123,139	103,776,617		
7	Received from storage .....	9,757,678	6,568,074	4,225,721		
9	Total supply of gas utilities (6 + 7) .....	124,656,348	104,691,213	108,002,338		
	Transfers from:					
11	Other provinces .....	...	...	...		
12	Distribution to transport (primary) .....	1,239,865	667,774	614,077		
13	Other gas utilities .....	58,643,485	49,635,064	51,555,605		
19	Total gross receipts (9 + 11 + 12 + 13) ...	184,539,698	154,994,051	160,172,020		
	<u>Disposition</u>					
	Sales:					
20	Residential .....	30,900,098	30,127,488	24,823,276		
21	Industrial .....	26,694,952	25,119,783	28,100,115		
22	Commercial .....	16,511,102	15,985,229	13,556,267		
30	Total sales (20 + 21 + 22) .....	74,106,152	71,232,500	66,479,658		
31	Exports .....	38,644,552	34,761,484	38,020,917		
32	Other deliveries .....	258,781	266,370	265,730		
33	Total net deliveries (30 + 31 + 32) .....	113,009,485	106,260,354	104,766,305		
34	Delivered to storage .....	419,697	813,407	1,295,109		
35	Line pack fluctuation .....	96,608	- 62,730	61,210		
36	Gas used in system .....	4,998,364	4,409,579	4,441,104		
37	Line losses and unaccounted for .....	6,132,194	- 6,729,397	- 2,561,390		
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	124,656,348	104,691,213	108,002,338		
	Transfers to:					
40	Other provinces .....	...	...	...		
41	Distribution by transport (primary) .....	43,778,424	37,511,726	39,030,411		
42	Other gas utilities .....	16,104,926	12,791,112	13,139,271		
49	Total disposition (39 + 40 + 41 + 42) .....	184,539,698	154,994,051	160,172,020		

(1) Includes peak shaving and enrichment.  
r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

June	July	August	September	October	November	December	Year to date		No.
							1966	1965 <sup>r</sup>	
				Mcf.					
							28,458,829	27,388,746	1a
							207,237,944	191,356,862	1b
							36,980,328	31,605,044	2a
							34,996,743	37,750,517	2b
							307,673,844	288,101,169	3
							9,121,788	657,166	4
							2,794	349,841	5
							316,798,426	289,108,176	6
							20,551,473	23,394,700	7
							337,349,899	312,502,876	9
							...	...	11
							2,521,716	4,047,372	12
							159,834,154	156,435,217	13
							499,705,769	472,985,465	19
							85,850,862	83,271,483	20
							79,914,850	65,416,748	21
							46,052,598	41,649,498	22
							211,818,310	190,337,729	30
							111,426,953	107,485,875	31
							790,881	667,294	32
							324,036,144	298,490,898	33
							2,528,213	1,634,466	34
							95,088	334,341	35
							13,849,047	12,094,604	36
							- 3,158,593	- 51,433	37
							337,349,899	312,502,876	39
							...	...	40
							120,320,561	123,121,947	41
							42,035,309	37,360,642	42
							499,705,769	472,985,465	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

March 1966

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.						
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields .....	-	-	-	8,268,916	527,291	...	8,796,207
1b	Processing plants .....	-	-	467,893	53,748,881	14,956,095	...	69,172,869
2	By distribution systems:							
2a	Fields .....	9,537	2,085,871	1,633,676	7,721,199	-	...	11,450,283
2b	Processing plants .....	-	-	1,597,519	9,637,017	80,706	...	11,315,242
3	Total (1 + 2) .....	9,537	2,085,871	3,699,088	79,376,013	15,564,092	...	100,734,601
4	Imports .....	...	...	...	...	...	3,041,015	3,041,015
5	Other receipts(1) .....	-	-	-	1,001	-	...	1,001
6	Total net receipts (3 + 4 + 5) .....	9,537	2,085,871	3,699,088	79,377,014	15,564,092	3,041,015	103,776,617
7	Received from storage .....	-	3,639,385	433,373	152,963	-	...	4,225,721
9	Total supply of gas utilities (6 + 7) .....	9,537	5,725,256	4,132,461	79,529,977	15,564,092	3,041,015	108,002,338
	<u>Disposition</u>							
	Sales:							
23	British Columbia .....	-	-	-	1,305,870	6,493,319	-	7,799,189
24	Alberta .....	-	-	-	18,590,304	-	11,596	18,601,900
25	Saskatchewan .....	-	-	3,981,637	3,070,363	-	-	7,052,000
26	Manitoba .....	-	-	711,799	3,663,385	-	-	4,375,184
27	Ontario .....	-	5,732,695	-	16,716,524	-	3,029,419	25,478,638
28	Quebec .....	-	-	-	3,166,787	-	-	3,166,787
29	New Brunswick .....	5,960	-	-	-	-	-	5,960
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	5,960	5,732,695	4,693,436	46,513,233	6,493,319	3,041,015	66,479,658
31	Exports .....	-	-	-	29,355,407	8,665,510	-	38,020,917
32	Other deliveries .....	-	-	-	265,730	-	-	265,730
33	Total net deliveries (30 + 31 + 32) .....	5,960	5,732,695	4,693,436	76,134,370	15,158,829	3,041,015	104,766,305
34	Delivered to storage .....	-	-	134,153	1,160,956	-	-	1,295,109
35	Line pack fluctuation .....	-	-	9,594	28,596	23,020	-	61,210
36	Gas used in system .....	83	18,750	124,387	3,694,911	602,973	-	4,441,104
37	Line losses and unaccounted for .....	3,494	- 26,189	- 829,109	- 1,488,856	- 220,730	-	- 2,561,390
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,537	5,725,256	4,132,461	79,529,977	15,564,092	3,041,015	108,002,338

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.



TABLE 4. Operating Statistics: Natural Gas Utilities

March 1966

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
March 1966:			
Daily average .....	2,485,527	2,144,505	3,421,336
Maximum(1) .....	2,682,843	...	...
Minimum(1) .....	2,273,264	...	...
Exports maximum(1) .....	1,287,952	...	1,287,952
March 1965:			
Daily average .....	2,498,049	1,925,411	3,147,560
Maximum(1) .....	2,861,121	...	...
Minimum(1) .....	2,392,264	...	...
Year to date 1966:			
Daily average .....	2,574,972	2,353,537	3,628,493
Maximum(1) .....	2,834,533	...	...
Minimum(1) .....	2,273,264	...	...
Commodity miles:			
Mcf. miles (thousands) .....	67,518,834	..	..
Ton-miles (millions) .....	1,539	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,881,448	..	..
End of month (Mcf.) .....	7,940,924	..	..
Operating revenues .....	..	44,689,558(2)	..

(1) Non-coincident.

(2) Estimated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

March 1966

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	66,404	132,298
Deliveries to ultimate customers .....	70,645	114,666
Line pack fluctuations .....	-	- 309
Gas used in system .....	294	1,380
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 4,535	16,561
Total disposition .....	66,404	132,298
Daily average sendout .....	2,279	3,699
Revenues .....	\$45,495	\$189,747(1)

(1) Estimated.

TABLE 6. Exports and Imports to and from the United States

March 1966

Customs port	Exports	Imports
	Mcf.	
Phillipsburg, Quebec .....	18,890	-
Cornwall, Ontario .....	339,308	-
Niagara Falls, Ontario .....	-	2,150,885
Ojibway, Ontario .....	-	878,534
Emerson, Manitoba .....	6,714,029	-
Coutts, Alberta .....	60	11,596
Aden, Alberta .....	1,741,604	-
Carway, Alberta .....	834,450	-
Kingsgate, British Columbia - U.S.A. District V South(1)	14,090,176	-
Other U.S.A. ....	4,069,796	-
Huntingdon, British Columbia .....	10,212,604	-
Canada - 1966 .....	38,020,917	3,041,015
1965 .....	37,040,549	206,733

(1) California, Nevada, Arizona.

## CATALOGUE No.

55-002

MONTHLY

## (DOMINION) BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 8, No. 4

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

APRIL 1966

During April 1966 field gathering systems and processing plants delivered to gas utilities 90,162,301 Mcf. of natural gas. The transport systems accounted for 70,265,472 Mcf. and the distribution systems 19,896,829 Mcf. Natural gas recovered from storage was 1,037,720 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume (000 Mcf.)	% of total supply	% increase over April 1965	Revenue (\$000)	% of total revenue
Ultimate customers .....	57,743	60.7	4.1	39,387	81.4
Exports .....	34,604	36.4	8.3	8,971	18.6
"Losses, deliveries to storage, cyclical billing adjustments, etc." ....	2,768	2.9	...	...	...
Total .....	95,115	100.0	9.9	48,358	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas amounted to 66.0 billion commodity (Mcf) miles (1,505 million ton miles) during April 1966 compared with 61.1 billion (1,394 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.2 million Mcf.

Alberta natural gas utilities receipts totalled 72.8 billion cubic feet; of this 21.6 per cent was sold to ultimate customers in Alberta, 23.6 per cent in Ontario, 3.7 per cent in Saskatchewan, 3.4 per cent in Quebec, 3.9 per cent in Manitoba and .9 per cent in British Columbia. Exports accounted for 36.9 per cent while the remaining 6.0 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 gas received from storage is considered as having originated in the province where the storage is located and gas delivered to storage as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during April 1966 compared to the same month for the previous year. Details are contained in the following table.

Sales category	Sales (000 Mcf.)	% of total sales	% increase over April 1965	Revenue (\$000)	% of sales revenue	Number of customers (000)
Residential .....	19,927	34.5	- 3.8	20,706	52.6	1,442
Industrial .....	26,664	46.2	11.2	10,384	26.4	11
Commercial .....	11,152	19.3	2.7	8,297	21.0	134
Total .....	57,743	100.0	4.1	39,387	100.0	1,587

All gas volumes in Tables 1-8 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 9-11.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Since the monthly publication "Sales of Manufactured and Natural Gas", Catalogue No. 45-005 was discontinued with the December 1965 edition, preparations have been made to include the tables of this former publication in the present "Gas Utilities", Catalogue No. 55-002.

This information for the period January - April 1966, inclusive, is contained at the back of this issue in Tables 7, 8, 9, 10 and 11. Inclusion of these tables will be continued in all future "Gas Utilities" publications.

Industry Division

July 1966  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1966

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	7,684	-	1,349,816
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	7,684	-	1,349,816
4	Imports .....	-	-	3,908,540
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	7,684	-	5,258,356
7	Received from storage .....	-	-	799,342
9	Total supply of gas utilities (6 + 7) .....	7,684	-	6,057,698
	Transfers from:			
11	Other provinces .....	-	2,583,399	22,885,467
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	2,562,420	27,774,361
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,684	5,145,819	56,717,526
	<u>Disposition</u>			
	Sales:			
20	Residential .....	4,272	837,303	9,106,837
21	Industrial .....	-	1,416,747	10,116,070
22	Commercial .....	1,846	253,946	4,345,813
30	Total sales (20 + 21 + 22) .....	6,118	2,507,996	23,568,720
31	Exports .....	-	20,979	284,495
32	Other deliveries .....	-	-	1,193
33	Total net deliveries (30 + 31 + 32) .....	6,118	2,528,975	23,854,408
34	Delivered to storage .....	-	-	2,530,422
35	Line pack fluctuation .....	-	- 2,832	- 33,635
36	Gas used in system .....	65	5,607	2,151,437
37	Line losses and unaccounted for .....	1,501	51,649	- 2,142,866
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,684	2,583,399	26,359,766
	Transfers to:			
40	Other provinces .....	-	-	2,583,399
41	Distribution by transport (primary) .....	-	2,562,420	20,380,015
42	Other gas utilities .....	-	-	7,394,346
49	Total disposition (39 + 40 + 41 + 42) .....	7,684	5,145,819	56,717,526

(1) Includes peak shaving and enrichment.

... Not appropriate or not applicable.



TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1966

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	April 1965 <sup>r</sup>	No.
					Canada	
Mcf.						
-	-	6,843,621	96,490	6,940,111	8,204,226	1a
-	351,937	50,078,915	12,894,509	63,325,361	57,608,391	1b
-	1,316,271	6,781,702	-	9,455,473	7,415,713	2a
-	1,387,116	8,991,115	63,125	10,441,356	10,194,599	2b
-	3,055,324	72,695,353	13,054,124	90,162,301	83,422,929	3
-	-	8,753	-	3,917,293	1,168,255	4
- 1,960	-	-	-	- 1,960	3,354	5
- 1,960	3,055,324	72,704,106	13,054,124	94,077,634	84,594,538	6
-	177,214	61,164	-	1,037,720	1,942,698	7
- 1,960	3,232,538	72,765,270	13,054,124	95,115,354	86,537,236	9
32,950,646	35,688,095	-	18,299,064	...	...	11
-	552,919	-	-	552,919	774,032	12
3,081,869	2,615,082	3,930,728	5,744,022	45,708,482	40,405,393	13
36,030,555	42,088,634	76,695,998	37,097,210	141,376,755	127,716,661	19
1,494,450	1,927,575	4,397,172	2,159,549	19,927,158	20,719,219	20
917,425	3,113,908	7,877,163	3,222,509	26,663,822	23,908,698	21
1,063,060	1,043,961	3,446,011	997,094	11,151,731	10,858,428	22
3,474,935	6,085,444	15,720,346	6,379,152	57,742,711	55,486,345	30
6,533,731	-	2,448,197	25,316,700	34,604,102	31,942,619	31
-	-	229,185	-	230,378	177,239	32
10,008,666	6,085,444	18,397,728	31,695,852	92,577,191	87,606,203	33
-	85,271	358,744	-	2,974,437	1,750,751	34
- 21,900	- 92,854	- 27,125	20,180	- 158,166	18,698	35
518,102	960,124	80,803	366,653	4,082,791	3,812,713	36
- 441,649	- 1,067,998	- 32,039	- 729,497	- 4,360,899	- 6,651,129	37
10,063,219	5,969,987	18,778,111	31,353,188	95,115,354	86,537,236	39
22,885,467	32,950,646	53,987,159	-	...	...	40
3,081,869	2,615,082	836,226	5,589,818	35,065,430	25,546,203	41
-	552,919	3,094,502	154,204	11,195,971	15,633,222	42
36,030,555	42,088,634	76,695,998	37,097,210	141,376,755	127,716,661	49

<sup>†</sup> Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

No.		January <sup>r</sup>	February <sup>r</sup>	March <sup>r</sup>	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	10,462,945	9,199,677	8,796,207	6,940,111	
1b	Processing plants .....	73,537,156	64,527,919	69,172,869	63,325,361	
2	By distribution systems:					
2a	Fields .....	15,425,563	10,866,000	11,156,653	9,455,473	
2b	Processing plants .....	12,687,509	10,993,992	11,315,242	10,441,356	
3	Total (1 + 2) .....	112,113,173	95,587,588	100,440,971	90,162,301	
4	Imports .....	3,219,680	2,861,093	3,041,015	3,917,293	
5	Other receipts(1) .....	2,357	- 564	1,001	- 1,960	
6	Total net receipts (3 + 4 + 5) .....	115,335,210	98,448,117	103,482,987	94,077,634	
7	Received from storage .....	9,757,678	6,568,074	3,027,128	1,037,720	
9	Total supply of gas utilities (6 + 7) .....	125,092,888	105,016,191	106,510,115	95,115,354	
	Transfers from:					
11	Other provinces .....	...	...	...	...	
12	Distribution to transport (primary) .....	1,239,865	667,774	614,077	552,919	
13	Other gas utilities .....	58,643,485	49,635,064	51,555,605	45,708,482	
19	Total gross receipts (9 + 11 + 12 + 13) ...	184,976,238	155,319,029	158,679,797	141,376,755	
	<u>Disposition</u>					
	Sales:					
20	Residential .....	30,900,098	30,127,488	24,823,276	19,927,158	
21	Industrial .....	26,694,952	25,119,783	28,100,115	26,663,822	
22	Commercial .....	16,511,102	15,985,229	13,556,267	11,151,731	
30	Total sales (20 + 21 + 22) .....	74,106,152	71,232,500	66,479,658	57,742,711	
31	Exports .....	38,644,552	34,761,484	38,020,917	34,604,102	
32	Other deliveries .....	258,781	266,370	265,730	230,378	
33	Total net deliveries (30 + 31 + 32) .....	113,009,485	106,260,354	104,766,305	92,577,191	
34	Delivered to storage .....	419,697	813,407	- 197,114	2,974,437	
35	Line pack fluctuation .....	96,608	- 62,730	61,210	- 158,166	
36	Gas used in system .....	4,998,364	4,409,579	4,441,104	4,082,791	
37	Line losses and unaccounted for .....	6,568,734	- 6,404,419	- 2,561,390	- 4,360,899	
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	125,092,888	105,016,191	106,510,115	95,115,354	
	Transfers to:					
40	Other provinces .....	...	...	...	...	
41	Distribution by transport (primary) .....	43,778,424	37,511,726	39,030,411	35,065,430	
42	Other gas utilities .....	16,104,926	12,791,112	13,139,271	11,195,971	
49	Total disposition (39 + 40 + 41 + 42) .....	184,976,238	155,319,029	158,679,797	141,376,755	

(1) Includes peak shaving and enrichment.

<sup>r</sup> Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

June	July	August	September	October	November	December	Year to date		No.
							1966	1965 <sup>r</sup>	
				Mcf.					
							35,398,940	35,592,972	1a
							270,563,305	248,965,253	1b
							46,903,689	39,020,757	2a
							45,438,099	47,945,116	2b
							398,304,033	371,524,098	3
							13,039,081	1,825,421	4
							834	353,195	5
							411,343,948	373,702,714	6
							20,390,600	25,337,398	7
							431,734,548	399,040,112	9
							...	...	11
							3,074,635	4,821,404	12
							205,542,636	196,840,610	13
							640,351,819	600,702,126	19
							105,778,020	103,990,702	20
							106,578,672	89,325,446	21
							57,204,329	52,507,926	22
							269,561,021	245,824,074	30
							146,031,055	139,428,494	31
							1,021,259	844,533	32
							416,613,335	386,097,101	33
							4,010,427	3,385,217	34
							- 63,078	353,039	35
							17,931,838	15,907,317	36
							- 6,757,974	- 6,702,562	37
							431,734,548	399,040,112	39
							...	...	40
							155,385,991	148,668,150	41
							53,231,280	52,993,864	42
							640,351,819	600,702,126	49

... Not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

April 1966

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields .....	-	-	-	6,843,621	96,490	...	6,940,111
1b	Processing plants .....	-	-	351,937	50,078,915	12,894,509	...	63,325,361
2	By distribution systems:							
2a	Fields .....	7,684	1,349,316	1,316,271	6,781,702	-	...	9,455,473
2b	Processing plants .....	-	-	1,387,116	8,991,115	63,125	...	10,441,356
3	Total (1 + 2) .....	7,684	1,349,816	3,055,324	72,695,353	13,054,124	...	90,162,301
4	Imports .....	...	...	...	...	...	3,917,293	3,917,293
5	Other receipts(1) .....	-	-	-	- 1,960	-	...	- 1,960
6	Total net receipts (3 + 4 + 5) .....	7,684	1,349,816	3,055,324	72,693,393	13,054,124	3,917,293	94,077,634
7	Received from storage .....	-	799,342	177,214	61,164	-	...	1,037,720
9	Total supply of gas utilities (6 + 7) .....	7,684	2,149,158	3,232,538	72,754,557	13,054,124	3,917,293	95,115,354
	<u>Disposition</u>							
	Sales:							
23	British Columbia .....	-	-	-	667,332	5,711,820	-	6,379,152
24	Alberta .....	-	-	-	15,711,593	-	8,753	15,720,346
25	Saskatchewan .....	-	-	3,401,354	2,684,090	-	-	6,085,444
26	Manitoba .....	-	-	623,111	2,851,824	-	-	3,474,935
27	Ontario .....	-	2,459,518	-	17,200,662	-	3,908,540	23,568,720
28	Quebec .....	-	-	-	2,507,996	-	-	2,507,996
29	New Brunswick .....	6,118	-	-	-	-	-	6,118
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	6,118	2,459,518	4,024,465	41,623,497	5,711,820	3,917,293	57,742,711
31	Exports .....	-	-	-	26,843,229	7,760,873	-	34,604,102
32	Other deliveries .....	-	-	-	230,378	-	-	230,378
33	Total net deliveries (30 + 31 + 32) .....	6,118	2,459,518	4,024,465	68,697,104	13,472,693	3,917,293	92,577,191
34	Delivered to storage .....	-	-	85,271	2,889,166	-	-	2,974,437
35	Line pack fluctuation .....	-	-	2,046	- 190,648	30,436	-	- 158,166
36	Gas used in system .....	65	24,540	102,178	3,648,942	307,066	-	4,082,791
37	Line losses and unaccounted for .....	1,501	- 334,900	- 981,422	- 2,290,007	- 756,071	-	- 4,360,899
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,684	2,149,158	3,232,538	72,754,557	13,054,124	3,917,293	95,115,354

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.



TABLE 4. Operating Statistics: Natural Gas Utilities

April 1966

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
April 1966:			
Daily average .....	2,322,317	1,924,757	3,185,054
Maximum(1) .....	2,559,432	...	...
Minimum(1) .....	2,156,080	...	...
Exports maximum(1) .....	1,272,929	...	1,272,929
April 1965:			
Daily average .....	1,916,294	1,806,558	2,935,578
Maximum(1) .....	2,272,131	...	...
Minimum(1) .....	1,843,272	...	...
Year to date 1966:			
Daily average .....	2,511,808	2,246,341	3,505,198
Maximum(1) .....	2,834,533	...	...
Minimum(1) .....	2,156,080	...	...
Commodity miles:			
Mcf. miles (thousands) .....	65,992,338	..	..
Ton-miles (millions) .....	1,505	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,940,924	..	..
End of month (Mcf.) .....	7,798,052	..	..
Operating revenues .....	..	(\$)39,387,048(2)	..

(1) Non-coincident.

(2) Estimated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

April 1966

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	63,590	104,025
Deliveries to ultimate customers .....	62,108	95,448
Line pack fluctuations .....	-	- 605
Gas used in system .....	602	941
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	880	8,241
Total disposition .....	63,590	104,025
Daily average sendout .....	2,070	3,182
Revenues .....	(\$)40,596	(\$)158,863(1)

(1) Estimated.

TABLE 6. Exports and Imports to and from the United States

April 1966

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	20,979	-
Ontario - Cornwall .....	284,495	-
Niagara Falls .....	-	2,290,413
Ojibway .....	-	1,618,127
Total Ontario .....	284,495	3,908,540
Manitoba - Emerson .....	6,533,731	-
Alberta - Aden .....	1,578,822	-
Carway .....	869,246	-
Coutts .....	129	8,753
Total Alberta .....	2,448,197	8,753
British Columbia - Kingsgate - U.S.A. District V South(1)	13,139,786	-
Other U.S.A. ....	3,463,191	-
Huntingdon .....	8,713,723	-
Total British Columbia .....	25,316,700	-
Canada - 1966 .....	34,604,102	3,917,293
1965 .....	31,942,619	1,168,255
Year to date - 1966 .....	146,031,055	13,039,081
1965 .....	139,428,494	1,825,421
Value - 1966 .....	8,970,584	1,736,637
1965 .....	8,424,221	440,000

(1) California, Nevada, Arizona.

TABLE 7. Sales of Natural Gas

No.		January 1966			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	2,135	8,601	22,597
2	Quebec .....	83,659	206,554	1,692,161	2,392,553
3	Ontario .....	484,669(1)	634,233	12,205,617	14,457,854
4	Manitoba(1) .....	84,416	87,464	2,592,131	2,201,673
5	Saskatchewan .....	97,435(1)	101,435	3,079,359	2,015,072
6	Alberta .....	228,905(1)	234,925	8,417,526	4,001,516
7	British Columbia .....	144,653(1)	166,007	2,904,703	3,429,416
8	Canada .....	1,123,837	1,432,753	30,900,098	28,520,681
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,336	1,292,032	960,196
11	Ontario .....		6,757	8,814,460	5,635,469
12	Manitoba(1) .....		266	975,644	320,958
13	Saskatchewan .....		806	2,842,463	731,818
14	Alberta .....		570	8,840,647	1,581,682
15	British Columbia .....		868	3,929,706	1,715,476
16	Canada .....		11,603	26,694,952	10,945,599
17	Firm .....		11,129	22,947,710	9,340,553
18	Interruptible .....		474	3,747,242	1,605,046
	Commercial:				
19	New Brunswick .....		-	-	-
20	Quebec .....		9,880	449,185	572,167
21	Ontario .....		53,039	5,485,767	5,117,532
22	Manitoba(1) .....		7,920	1,764,219	1,170,809
23	Saskatchewan .....		13,445	1,595,651	843,303
24	Alberta .....		26,436	6,149,343	2,312,904
25	British Columbia .....		21,332	1,066,937	1,122,547
26	Canada .....		132,052	16,511,102	11,139,262
	Total sales:				
27	New Brunswick .....		2,135	8,601	22,597
28	Quebec .....		218,770	3,433,378	3,924,916
29	Ontario .....		694,029	26,505,844	25,210,855
30	Manitoba(1) .....		95,650	5,331,994	3,693,440
31	Saskatchewan .....		115,686	7,517,473	3,590,193
32	Alberta .....		261,931	23,407,516	7,896,102
33	British Columbia .....		188,207	7,901,346	6,267,439
34	Canada .....		1,576,408	74,106,152	50,605,542

(1) Estimated.

TABLE 8. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		January 1966		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	14,382	83,996	144,361
2	Industrial .....	38	734	756
3	Commercial .....	2,486	48,699	77,332
4	Total .....	16,906	133,429	222,449

TABLE 7. Sales of Natural Gas

January 1966		January 1965 <sup>1</sup>				No.
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
4.0	2.63	100	2,355	6,000	19,000	1
8.2	1.41	80,029	210,163	1,646,000	2,208,000	2
19.2	1.18	459,416	609,740	11,797,000	13,962,000	3
29.6	0.85	76,356	79,652	2,394,000	2,025,000	4
30.4	0.65	87,174	94,680	3,290,000	2,096,000	5
35.8	0.48	221,548	228,455	8,599,000	3,992,000	6
17.5	1.18	133,296	155,735	2,660,000	3,270,000	7
21.6	0.92	1,057,919	1,380,780	30,392,000	27,571,000	8
-	-	-	-	-	-	9
553	0.74	-	2,294	1,137,000	829,000	10
1,304	0.64	-	6,370	7,583,000	4,786,000	11
3,668	0.33	-	237	610,000	216,000	12
3,526	0.26	-	536	1,885,000	540,000	13
15,510	0.18	-	556	8,042,000	1,431,000	14
4,527	0.44	-	740	2,755,000	1,313,000	15
2,301	0.41	-	10,733	22,012,000	9,116,000	16
2,062	0.41	-	10,298	18,717,000	7,705,000	17
7,906	0.43	-	435	3,295,000	1,411,000	18
-	-	-	-	-	-	19
45.5	1.27	-	9,720	394,000	522,000	20
103.4	0.93	-	49,474	4,740,000	4,429,000	21
222.8	0.66	-	7,036	1,548,000	1,033,000	22
118.7	0.53	-	12,263	1,720,000	891,000	23
232.6	0.38	-	25,283	5,665,000	2,149,000	24
50.0	1.05	-	20,385	952,000	1,034,000	25
125.0	0.67	-	124,161	15,018,000	10,059,000	26
4.0	2.63	-	2,355	6,000	19,000	27
15.7	1.14	-	222,177	3,177,000	3,559,000	28
38.2	0.95	-	665,584	24,120,000	23,177,000	29
55.7	0.69	-	86,925	4,552,000	3,274,000	30
65.0	0.48	-	107,479	6,895,000	3,527,000	31
89.4	0.34	-	254,294	22,306,000	7,572,000	32
42.0	0.79	-	176,860	6,367,000	5,617,000	33
47.0	0.68	-	1,515,674	67,422,000	46,745,000	34

<sup>1</sup> Revised figures.

TABLE 8. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

January 1966				No.
Manufactured gas				
Customers No.	Gas sold Mcf.	Revenue \$		
2,385	9,634	13,667	1	
30	46,547	16,406	2	
615	15,166	17,734	3	
3,030	71,347	47,807	4	



TABLE 9. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	January 1966			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	8,601	-	-	8,601
Quebec .....	1,710,625	1,303,922	454,792	3,469,339
Ontario .....	12,299,482	8,879,962	5,526,953	26,706,397
Manitoba(1) .....	2,634,173	991,257	1,796,077	5,421,507
Saskatchewan .....	3,096,078	2,857,896	1,604,314	7,558,288
Alberta .....	10,562,321	10,354,257	7,926,215	28,842,793
British Columbia .....	3,070,085	4,151,828	1,122,006	8,343,919
Canada .....	33,381,365	28,539,122	18,430,357	80,350,844

(1) Estimated.

TABLE 10. Exports and Imports of Natural Gas at 1,000 B.T.U.

	January 1966						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	-	402,938	6,548,507	2,702,243	30,545,820	40,199,508	40,199,508
Imports .....	-	3,235,170	-	18,239	-	3,253,409	3,253,409

TABLE 11. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	January 1966	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	121,845	32,705

TABLE 7. Sales of Natural Gas

No.		February 1966			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	2,175	5,982	17,827
2	Quebec .....	84,261	206,868	1,389,156	1,965,554
3	Ontario .....	489,084 (1)	634,499	13,233,792	15,553,129
4	Manitoba(1) .....	84,706	87,691	2,524,005	2,142,909
5	Saskatchewan .....	98,037 (1)	102,086	3,352,320	2,165,287
6	Alberta .....	229,579 (1)	235,600	7,381,468	3,594,738
7	British Columbia .....	145,213 (1)	167,061	2,240,765	2,638,028 (1)
8	Canada .....	1,130,980	1,435,980	30,127,488	28,077,472
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....	-	2,341	1,264,114	904,250
11	Ontario .....	-	6,816	8,660,690	4,359,365
12	Manitoba(1) .....	-	266	714,738	258,919
13	Saskatchewan .....	-	818	3,080,339	812,141
14	Alberta .....	-	570	7,549,510	1,384,332
15	British Columbia .....	-	905	3,850,392	1,690,554 (1)
16	Canada .....	-	11,716	25,119,783	9,409,561
17	Firm .....	-	11,246	21,559,824	7,887,845
18	Interruptible .....	-	470	3,559,959	1,521,716
	Commercial:				
19	New Brunswick .....	-	-	-	-
20	Quebec .....	-	9,908	395,826	501,223
21	Ontario .....	-	53,402	5,650,496	5,312,223
22	Manitoba(1) .....	-	7,956	1,814,699	1,195,900
23	Saskatchewan .....	-	13,642	1,770,112	932,461
24	Alberta .....	-	26,527	5,394,202	2,065,193
25	British Columbia .....	-	21,440	959,894	1,008,958 (1)
26	Canada .....	-	132,875	15,985,229	11,015,958
	Total sales:				
27	New Brunswick .....	-	2,175	5,982	17,827
28	Quebec .....	-	219,117	3,049,096	3,371,027
29	Ontario .....	-	694,717	27,544,978	25,224,717
30	Manitoba(1) .....	-	95,913	5,053,442	3,597,727
31	Saskatchewan .....	-	116,566	8,202,771	3,909,889
32	Alberta .....	-	262,697	20,320,849	7,044,263
33	British Columbia .....	-	189,406	7,051,051	5,337,540 (1)
34	Canada .....	-	1,580,571	71,228,169	48,502,991

(1) Estimated

TABLE 8. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		February 1966		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	14,362	86,034	147,892 (1)
2	Industrial .....	39	801	825 (1)
3	Commercial .....	2,494	45,625	72,453 (1)
4	Total .....	16,895	132,460	221,170 (1)

(1) Estimated.

TABLE 7. Sales of Natural Gas

February 1966		February 1965 <sup>r</sup>				No.
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
2.8	2.98	100	2,342	6,000	19,000	1
6.7	1.41	80,783	210,489	1,485,000	2,206,000	2
20.9	1.18	463,159	612,285	12,607,000	14,722,000	3
28.8	0.85	76,944	80,231	2,294,000	1,946,000	4
32.8	0.65	87,399	94,923	3,037,000	1,958,000	5
31.3	0.49	221,756	228,731	6,690,000	3,226,000	6
13.4	1.18 (1)	134,086	156,468	2,163,000	2,758,000	7
21.0	0.93	1,064,227	1,385,469	28,283,000	26,835,000	8
-	-	-	-	-	-	9
540	0.72		2,314	1,104,000	809,000	10
1,271	0.50		6,424	7,136,000	4,670,000	11
2,687	0.36		247	599,000	211,000	12
3,766	0.26		534	1,837,000	531,000	13
13,245	0.18		564	7,464,000	1,328,000	14
4,255	0.44 (1)		787	2,220,000	1,048,000	15
2,144	0.37		10,870	20,360,000	8,599,000	16
1,917	0.37		10,440	17,463,000	7,371,000	17
7,574	0.43		430	2,897,000	1,228,000	18
-	-	-	-	-	-	19
40.0	1.27		9,809	347,000	463,000	20
105.8	0.94		49,990	4,787,000	4,447,000	21
228.1	0.66		7,095	1,517,000	1,015,000	22
129.8	0.53		12,473	1,492,000	783,000	23
203.3	0.38		25,426	4,734,000	1,815,000	24
44.8	1.05 (1)		20,471	792,000	870,000	25
120.3	0.69		125,264	13,669,000	9,393,000	26
2.8	2.98		2,342	6,000	19,000	27
13.9	1.11		222,612	2,936,000	3,478,000	28
39.6	0.92		668,699	24,530,000	23,839,000	29
52.7	0.71		87,573	4,410,000	3,172,000	30
70.4	0.48		107,930	6,366,000	3,272,000	31
77.4	0.35		254,721	18,888,000	6,369,000	32
37.2	0.76 (1)		177,726	5,175,000	4,676,000	33
45.1	0.68		1,521,603	62,312,000	44,827,000	34

(1) Estimated.

<sup>r</sup> Revised figures.

TABLE 8. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

February 1966				No.
Manufactured gas				
Customers	Gas sold		Revenue	
No.	Mcf.		\$	
2,382	6,404		8,261	1
29	41,509		14,837	2
613	12,589		13,432	3
3,024	60,502		36,530	4

TABLE 9. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	February 1966			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	5,982	-	-	5,982
Quebec .....	1,397,955	1,271,757	398,454	3,068,166
Ontario .....	13,329,948	8,720,369	5,690,755	27,741,072
Manitoba(1) .....	2,558,094	724,080	1,841,443	5,123,617
Saskatchewan .....	3,352,320	3,080,339	1,770,112	8,202,771
Alberta .....	7,851,468	7,986,958	5,740,885	21,579,311
British Columbia .....	2,367,815	4,073,717	1,009,822	7,451,354
Canada .....	30,863,582	25,857,220	16,451,471	73,172,273

(1) Estimated.

TABLE 10. Exports and Imports of Natural Gas at 1,000 B.T.U.

	February 1966						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	10.282	328,662	6,340,214	2,449,064	26,972,080	36,100,302	76,299,810
Imports .....	-	2,867,329	-	14,104	-	2,881,433	6,134,842

TABLE 11. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	February 1966	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	145,751	27,961



TABLE 7. Sales of Natural Gas

No.		March 1966			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	2,123	4,082	14,014
2	Quebec .....	84,496	206,590	1,230,866	1,981,580
3	Ontario .....	489,094(1)	636,290	10,634,933	12,732,255
4	Manitoba(1) .....	85,187	88,196	2,016,197	1,738,352
5	Saskatchewan .....	99,105(1)	103,021	2,596,255	1,754,723
6	Alberta .....	229,741(1)	236,320	5,933,372	2,985,795
7	British Columbia .....	146,463(1)	167,908	2,407,571	2,905,676(1)
8	Canada .....	1,134,186	1,440,448	24,823,276	24,112,395
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,358	1,593,788	1,032,313
11	Ontario .....		6,860	9,797,880	5,862,957
12	Manitoba(1) .....		384	911,348	296,054
13	Saskatchewan .....		549	3,057,032	810,220
14	Alberta .....		563	8,185,730	1,484,391
15	British Columbia .....		958	4,554,337	2,000,605(1)
16	Canada .....		11,672	28,100,115	11,486,540
17	Firm .....		11,186	22,721,933	9,256,207
18	Interruptible .....		486	5,378,182	2,230,333
	Commercial:				
19	New Brunswick .....		52	1,878	3,936
20	Quebec .....		9,922	342,133	470,833
21	Ontario .....		53,864	5,045,825	4,613,245
22	Manitoba(1) .....		7,947	1,447,639	982,912
23	Saskatchewan .....		11,255	1,398,713	409,268
24	Alberta .....		26,561	4,482,798	1,719,533
25	British Columbia .....		21,618	837,281	890,896(1)
26	Canada .....		131,219	13,556,267	9,090,623
	Total sales:				
27	New Brunswick .....		2,175	5,960	17,950
28	Quebec .....		218,870	3,166,787	3,484,726
29	Ontario .....		697,014	25,478,638	23,208,457
30	Manitoba(1) .....		96,527	4,375,184	3,017,318
31	Saskatchewan .....		114,825	7,052,000	2,974,211
32	Alberta .....		263,444	18,601,900	6,189,719
33	British Columbia .....		190,484	7,799,189	5,797,177(1)
34	Canada .....		1,583,339	66,479,658	44,689,558

(1) Estimated.

TABLE 8. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		March 1966		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	14,328	73,175	125,788(1)
2	Industrial .....	37	485	500(1)
3	Commercial .....	2,479	41,006	65,118(1)
4	Total .....	16,844	114,666	191,406(1)

(1) Estimated.

TABLE 7. Sales of Natural Gas

March 1966		March 1965 <sup>F</sup>				No.
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.9	3.43	100	2,318	6,000	18,000	1
6.0	1.61	81,730	210,994	1,244,000	1,954,000	2
16.7	1.20	463,373	612,896	10,742,000	12,912,000	3
22.9	0.86	77,157	80,443	2,021,000	1,727,000	4
25.2	0.68	87,664	95,212	2,647,000	1,738,000	5
25.1	0.50	222,605	229,873	6,080,000	3,014,000	6
14.3	1.21(1)	135,226	157,656	1,857,000	2,468,000	7
17.2	0.97	1,067,855	1,389,392	24,597,000	23,832,000	8
-	-	-	-	-	-	9
676	0.65	-	2,345	1,409,000	896,000	10
1,428	0.60	-	6,540	8,816,000	5,230,000	11
2,373	0.32	-	245	668,000	228,000	12
5,568	0.27	-	536	1,755,000	515,000	13
14,539	0.18	-	559	7,923,000	1,416,000	14
4,754	0.44(1)	-	788	2,474,000	1,071,000	15
2,407	0.41	-	11,013	23,045,000	9,356,000	16
2,031	0.41	-	10,561	18,459,000	7,580,000	17
11,066	0.41	-	452	4,586,000	1,776,000	18
36.1	2.10	-	-	-	-	19
34.5	1.38	-	9,857	316,000	437,000	20
93.7	0.91	-	50,260	4,635,000	4,372,000	21
182.2	0.68	-	7,539	1,385,000	944,000	22
124.3	0.29	-	12,619	1,369,000	722,000	23
168.8	0.38	-	25,514	4,570,000	1,755,000	24
38.7	1.06(1)	-	20,513	687,000	777,000	25
103.3	0.67	-	126,302	12,962,000	9,007,000	26
2.7	3.01	-	2,318	6,000	18,000	27
14.5	1.10	-	223,196	2,969,000	3,287,000	28
36.6	0.91	-	669,696	24,193,000	22,514,000	29
45.3	0.69	-	88,227	4,074,000	2,899,000	30
61.4	0.42	-	108,367	5,771,000	2,975,000	31
70.6	0.33	-	255,946	18,574,000	6,185,000	32
40.9	0.74(1)	-	178,957	5,018,000	4,316,000	33
42.0	0.67	-	1,526,707	60,604,000	42,195,000	34

<sup>†</sup> Revised figures.

TABLE 8. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

March 1966				No.
Manufactured gas				
Customers	Gas sold		Revenue	
No.	Mcf.		\$	
2,358	9,292		13,320	1
28	45,233		16,062	2
607	16,120		16,113	3
2,993	70,645		45,495	4

TABLE 9. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	March 1966			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	4,176	-	1,921	6,097
Quebec .....	1,241,833	1,608,092	345,154	3,195,079
Ontario .....	10,709,030	9,867,365	5,080,904	25,657,299
Manitoba(1) .....	2,042,075	922,672	1,467,829	4,432,576
Saskatchewan .....	2,610,351	3,073,630	1,406,307	7,090,288
Alberta .....	6,324,973	8,663,361	4,783,220	19,771,554
British Columbia .....	2,457,252	4,816,816	880,264	8,154,332
Canada .....	25,389,690	28,951,936	13,965,590	68,307,225

(1) Estimated.

TABLE 10. Exports and Imports of Natural Gas at 1,000 B.T.U.

	March 1966						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	19,079	341,683	6,781,169	2,522,017	29,813,933	39,477,881	115,777,691
Imports .....	-	3,060,138	-	12,176	-	3,072,314	9,207,156

TABLE 11. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	March 1966	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	103,914	33,633

TABLE 7. Sales of Natural Gas

No.		April 1966			
		Customers		Gas sold	Revenue
		Space heating(1)	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	2,094	4,272	14,501
2	Quebec .....	84,316	205,481	837,303	1,555,936
3	Ontario .....	486,163	637,708	9,106,837	10,963,109
4	Manitoba .....	85,908	88,993	1,494,450	1,324,400
5	Saskatchewan .....	97,992	102,039	1,927,575	1,386,446
6	Alberta .....	229,924	236,645	4,397,172	2,351,770
7	British Columbia .....	147,390	169,123	2,159,549	3,109,750(1)
8	Canada .....	1,131,793	1,442,083	19,927,158	20,705,912(1)
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,359	1,416,747	850,053
11	Ontario .....		6,831	10,116,070	5,831,956
12	Manitoba .....		280	917,425	285,846
13	Saskatchewan .....		804	3,113,908	750,093
14	Alberta .....		557	7,877,163	1,428,824
15	British Columbia .....		182	3,222,509	1,237,443(1)
16	Canada .....		11,013	26,663,822	10,384,215(1)
17	Firm .....		10,502	20,877,078	8,075,304
18	Interruptible .....		511	5,786,744	2,308,911(1)
	Commercial:				
19	New Brunswick .....		52	1,846	3,967
20	Quebec .....		9,888	253,946	356,925
21	Ontario .....		53,976	4,345,813	4,134,678
22	Manitoba .....		7,973	1,063,060	745,672
23	Saskatchewan .....		13,743	1,043,961	572,937
24	Alberta .....		26,474	3,446,011	1,336,084
25	British Columbia .....		22,357	997,094	1,146,658(1)
26	Canada .....		134,463	11,151,731	8,296,921(1)
	Total sales:				
27	New Brunswick .....		2,146	6,118	18,468
28	Quebec .....		217,728	2,507,996	2,762,914
29	Ontario .....		698,515	23,568,720	20,929,743
30	Manitoba .....		97,246	3,474,935	2,355,918
31	Saskatchewan .....		116,586	6,085,444	2,709,476
32	Alberta .....		263,676	15,720,346	5,116,678
33	British Columbia .....		191,662	6,379,152	5,493,851(1)
34	Canada .....		1,587,559	57,742,711	39,387,048(1)

(1) Estimated.

TABLE 8. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		April 1966		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue(1)
		No.	Mcf.	\$
1	Domestic .....	14,346	58,020	99,736
2	Industrial .....	39	554	571
3	Commercial .....	2,471	36,874	58,556
4	Total .....	16,856	95,448	158,863

(1) Estimated.



TABLE 7. Sales of Natural Gas

April 1966			April 1965 <sup>F</sup>			
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
2.0	3.39	100	2,302	5,737	17,624	1
4.1	1.86	81,698	210,204	807,573	1,573,418	2
14.3	1.20	464,994	614,582	9,735,126	11,564,567	3
16.8	0.89	77,374	80,653	1,574,356	1,373,301	4
18.9	0.72	84,982	95,575	2,137,176	1,482,789	5
18.6	0.53	222,216	229,098	5,228,546	2,676,337	6
12.8	1.44	135,765	158,114	1,230,705	1,777,348	7
13.8	1.04	1,067,129	1,390,528	20,719,219	20,465,384	8
-	-	-	-	-	-	9
601	0.60		2,332	1,526,314	886,359	10
1,481	0.58		6,555	9,533,835	5,388,414	11
3,277	0.31		242	697,517	230,571	12
3,873	0.24		539	2,006,327	639,416	13
14,142	0.18		562	7,148,653	1,293,165	14
17,706	0.38		789	2,996,052	1,151,733	15
2,421	0.39		11,019	23,908,698	9,589,658	16
1,988	0.39		10,577	18,953,698	7,611,658	17
11,324	0.40		442	4,955,000	1,978,000	18
35.5	2.15		-	-	-	19
25.7	1.41		9,843	234,056	335,477	20
80.5	0.95		50,410	4,070,879	3,821,511	21
133.3	0.70		7,564	1,100,941	767,742	22
76.0	0.55		12,649	1,154,516	618,840	23
130.2	0.39		25,460	3,682,719	1,425,910	24
44.6	1.15		20,479	615,317	708,634	25
82.9	0.75		126,405	10,858,428	7,678,114	26
2.9	3.02		2,302	5,737	17,624	27
11.5	1.10		222,379	2,567,943	2,795,254	28
33.7	0.89		671,547	23,339,840	20,774,492	29
35.7	0.68		88,459	3,373,814	2,391,614	30
52.2	0.45		108,763	5,298,019	2,741,045	31
59.6	0.33		255,120	16,059,918	5,395,412	32
33.3	0.86		179,382	4,842,074	3,637,715	33
36.4	0.68		1,527,952	55,486,345	37,733,156	34

<sup>†</sup> Revised figures.

TABLE 8. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

April 1966				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
2,346	7,794	9,605		1
28	40,063	14,834		2
602	14,251	16,157		3
2,976	62,108	40,596		4

TABLE 9. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	April 1966			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	4,370	-	1,888	6,258
Quebec .....	844,708	1,429,136	256,160	2,530,004
Ontario .....	9,159,286	10,178,673	4,370,991	23,708,950
Manitoba .....	1,509,600	926,304	1,075,244	3,511,148
Saskatchewan .....	1,938,040	3,130,814	1,049,568	6,118,422
Alberta .....	4,694,116	8,356,909	3,683,858	16,734,883
British Columbia .....	2,293,488	3,416,311	1,056,215	6,766,014
Canada .....	20,443,608	27,438,147	11,493,924	59,375,679

TABLE 10. Exports and Imports of Natural Gas at 1,000 B.T.U.

	April 1966						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	21,189	286,202	6,599,068	2,413,924	26,645,649	35,966,032	151,743,723
Imports .....	-	3,936,275	-	8,753	-	3,945,028	13,152,184

TABLE 11. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	April 1966	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	86,289	30,712

CATALOGUE No.

55-002

MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 8, No. 5

Price: 20 cents, \$2.00 a year

Gas Utilities  
(Transport and Distribution Systems)

MAY 1966

During May 1966 field gathering systems and processing plants delivered to gas utilities 85,363,595 Mcf. of natural gas. The transport systems accounted for 69,142,025 Mcf. and the distribution systems 16,221,570 Mcf. Natural gas recovered from storage was 288,631 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume	Per cent of total supply	Per cent increase over May 1965	Revenue	Per cent of total revenue
	000's Mcf.			\$'000	
Ultimate customers .....	19,753	55.5	22.9	32,246	78.2
Exports .....	34,966	39.0	11.2	9,002	21.8
Losses, deliveries to storage, cyclical billing adjustments, etc. ....	4,944	5.5	...	...	...
Totals .....	89,663	100.0	11.3	41,248	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas amounted to 65.6 billion commodity (Mcf) miles (1,496 million ton miles) during May 1966 compared with 61.1 billion (1,394 million ton miles) last year. The daily average deliveries of gas utilities amounted to 2.9 million Mcf.

Alberta natural gas utilities receipts totalled 70.4 billion cubic feet; of this 18.9 per cent was sold to ultimate customers in Alberta, 21.0 per cent in Ontario, 3.6 per cent in Saskatchewan, 3.4 per cent in Quebec, 3.2 per cent in Manitoba and 1.5 per cent in British Columbia. Exports accounted for 39.6 per cent while the remaining 8.8 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 gas received from storage is considered as having originated in the province where the storage is located and gas delivered to storage as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during May 1966 compared to the same month for the previous year. Details are contained in the following table.

Sales category	Sales	Per cent of total sales	Per cent increase over May 1965	Revenue	Per cent of sales revenue	Number of customers
	000's Mcf.			\$'000		'000
Residential .....	14,298	28.7	25.5	15,455	47.9	1,441
Industrial .....	26,767	53.8	16.1	10,073	31.2	24
Commercial .....	8,688	17.5	43.7	6,718	20.9	121
Totals .....	49,753	100.0	22.9	32,246	100.0	1,586

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Industry Division

August 1966  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

May 1966

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	7,492	-	1,194,668
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	7,492	-	1,194,668
4	Imports .....	-	-	4,006,802
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	7,492	-	5,201,470
7	Received from storage .....	-	-	240,741
9	Total supply of gas utilities (6 + 7) .....	7,492	-	5,442,211
	Transfers from:			
11	Other provinces .....	-	2,497,168	23,065,209
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	2,477,504	28,001,207
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,492	4,974,672	56,508,627
	<u>Disposition</u>			
	Sales:			
20	Residential .....	3,694	608,602	6,637,608
21	Industrial .....	-	1,578,582	10,376,458
22	Commercial .....	1,397	190,597	3,477,847
30	Total sales (20 + 21 + 22) .....	5,091	2,377,781	20,491,913
31	Exports .....	-	19,664	265,088
32	Other deliveries .....	-	-	592
33	Total net deliveries (30 + 31 + 32) .....	5,091	2,397,445	20,757,593
34	Delivered to storage .....	-	-	5,141,896
35	Line pack fluctuation .....	-	1,091	- 5,207
36	Gas used in system .....	50	3,640	2,117,321
37	Line losses and unaccounted for .....	2,351	94,992	- 2,001,351
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,492	2,497,168	26,010,252
	Transfers to:			
40	Other provinces .....	-	-	2,497,168
41	Distribution by transport (primary) .....	-	2,477,504	20,511,719
42	Other gas utilities .....	-	-	7,489,488
49	Total disposition (39 + 40 + 41 + 42) .....	7,492	4,974,672	56,508,627

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.



TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

May 1966

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	May 1965 <sup>r</sup>	No.
					Canada	
Mcf.						
-	-	7,160,496	236,976	7,397,472	7,801,248	1a
-	384,284	50,401,536	10,958,733	61,744,553	54,898,325	1b
-	775,007	4,253,186	-	6,230,353	5,936,996	2a
-	1,368,367	8,580,409	42,441	9,991,217	9,069,845	2b
-	2,527,658	70,395,627	11,238,150	85,363,595	77,706,414	3
-	-	4,730	-	4,011,532	1,644,387	4
- 313	-	-	-	- 313	3,291	5
- 313	2,527,658	70,400,357	11,238,150	89,374,814	79,354,092	6
-	27,926	19,964	-	288,631	42,491	7
- 313	2,555,584	70,420,321	11,238,150	89,663,445	79,396,583	9
32,599,323	35,189,372	4,105	19,717,516	...	...	11
-	539,694	464,627	-	1,004,321	580,941	12
2,335,288	2,489,170	3,326,482	5,047,647	43,677,298	37,861,692	13
34,934,298	40,773,820	74,215,535	36,003,313	134,345,064	117,839,216	19
1,133,420	1,544,820	3,185,762	1,184,037	14,297,943	11,394,382	20
1,025,359	2,721,282	7,676,941	3,388,093	26,766,715	23,051,208	21
839,221	950,129	2,479,114	750,407	8,688,712	6,045,386	22
2,998,000	5,216,231	13,341,817	5,322,537	49,753,370	40,490,976	30
6,715,653	-	2,403,065	25,562,428	34,965,898	31,144,131	31
-	-	181,916	-	182,508	165,231	32
9,713,653	5,216,231	15,926,798	30,884,965	84,901,776	71,800,338	33
-	383,929	587,106	-	6,112,931	8,469,650	34
- 6,585	- 23,097	- 14,608	- 4,510	- 52,916	- 176,112	35
507,406	938,380	330,177	311,062	4,208,036	3,672,321	36
- 680,673	- 1,373,915	- 1,311,935	- 235,851	- 5,506,382	- 4,369,614	37
9,533,801	5,141,528	15,517,538	30,955,666	89,663,445	79,396,583	39
23,065,209	32,603,428	54,906,888	-	...	...	40
2,335,288	2,489,170	549,686	4,940,179	33,303,546	28,292,367	41
-	539,694	3,241,423	107,468	11,378,073	10,150,266	42
34,934,298	40,773,820	74,215,535	36,003,313	134,345,064	117,839,216	49

<sup>r</sup> Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	10,462,945	9,199,677	8,796,207	6,940,111	7,397,472
1b	Processing plants .....	73,537,156	64,527,919	69,172,869	63,325,361	61,744,553
2	By distribution systems:					
2a	Fields .....	15,425,563	10,866,000	11,156,653	9,455,473	6,230,353
2b	Processing plants .....	12,687,509	10,993,992	11,315,242	10,441,356	9,991,217
3	Total (1 + 2) .....	112,113,173	95,587,588	100,440,971	90,162,301	85,363,595
4	Imports .....	3,219,680	2,861,093	3,041,015	3,917,293	4,011,532
5	Other receipts(1) .....	2,357	- 564	1,001	- 1,960	- 313
6	Total net receipts (3 + 4 + 5) .....	115,335,210	98,448,117	103,482,987	94,077,634	89,374,814
7	Received from storage .....	9,757,678	6,568,074	3,027,128	1,037,720	288,631
9	Total supply of gas utilities (6 + 7) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,663,445
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	1,239,865	667,774	614,077	552,919	1,004,321
13	Other gas utilities .....	58,643,485	49,635,064	51,555,605	45,708,482	43,677,298
19	Total gross receipts (9 + 11 + 12 + 13) ...	184,976,238	155,319,029	158,679,797	141,376,755	134,345,064
	<u>Disposition</u>					
	Sales:					
20	Residential .....	30,900,098	30,127,488	24,823,276	19,927,158	14,297,943
21	Industrial .....	26,694,952	25,119,783	28,100,115	26,663,822	26,766,715
22	Commercial .....	16,511,102	15,985,229	13,556,267	11,151,731	8,688,712
30	Total sales (20 + 21 + 22) .....	74,106,152	71,232,500	66,479,658	57,742,711	49,753,370
31	Exports .....	38,644,552	34,761,484	38,020,917	34,604,102	34,965,898
32	Other deliveries .....	258,781	266,370	265,730	230,378	182,508
33	Total net deliveries (30 + 31 + 32) .....	113,009,485	106,260,354	104,766,305	92,577,191	84,901,776
34	Delivered to storage .....	419,697	813,407	- 197,114	2,974,437	6,112,931
35	Line pack fluctuation .....	96,608	- 62,730	61,210	- 158,166	- 52,916
36	Gas used in system .....	4,998,364	4,409,579	4,441,104	4,082,791	4,208,036
37	Line losses and unaccounted for .....	6,568,734	- 6,404,419	- 2,561,390	- 4,360,899	- 5,506,382
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,663,445
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	43,778,424	37,511,726	39,030,411	35,065,430	33,303,546
42	Other gas utilities .....	16,104,926	12,791,112	13,139,271	11,195,971	11,378,073
49	Total disposition (39 + 40 + 41 + 42) .....	184,976,238	155,319,029	158,679,797	141,376,755	134,345,064

(1) Includes peak shaving and enrichment.  
 r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

June	July	August	September	October	November	December	Year to date		No.
							1966	1965 <sup>F</sup>	
				Mcf.					
							42,796,412	43,394,220	1a
							332,307,858	303,863,578	1b
							53,134,042	44,957,753	2a
							55,429,316	57,014,961	2b
							483,667,628	449,230,512	3
							17,050,613	3,469,808	4
							521	356,486	5
							500,718,762	453,056,806	6
							20,679,231	25,379,889	7
							521,397,993	478,436,695	9
							4,078,956	5,402,345	11
							249,219,934	234,702,302	12
							774,696,883	718,541,342	13
							120,075,963	115,385,084	20
							133,345,387	112,376,654	21
							65,893,041	58,553,312	22
							319,314,391	286,315,050	30
							180,996,953	170,572,625	31
							1,203,767	1,009,764	32
							501,515,111	457,897,439	33
							10,123,358	11,854,867	34
							- 115,994	176,927	35
							22,139,874	19,579,638	36
							- 12,264,356	11,072,176	37
							521,397,993	478,436,695	39
							188,689,537	176,960,517	40
							64,609,353	63,144,130	41
							774,696,883	718,541,342	42
									49

... Figures not appropriate or not applicable.



TABLE 4. Operating Statistics: Natural Gas Utilities

May 1966

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
May 1966:			
Daily average .....	2,202,240	1,604,947	2,935,958
Maximum(1) .....	2,502,311	...	...
Minimum(1) .....	1,824,936	...	...
Exports maximum(1) .....	1,237,884	...	1,237,884
May 1965:			
Daily average .....	1,917,306	1,290,031	2,573,225
Maximum(1) .....	2,161,398	...	...
Minimum(1) .....	1,161,679	...	...
Year to date 1966:			
Daily average .....	2,448,254	2,114,664	3,388,334
Maximum(1) .....	2,834,533	...	...
Minimum(1) .....	1,824,936	...	...
Commodity miles:			
Mcf. miles (thousands) .....	65,594,388	..	..
Ton-miles (millions) .....	1,496	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,798,052	..	..
End of month (Mcf.) .....	7,750,144	..	..
Operating revenues .....	..	(\$ )32,246,278 (2)	..

(1) Non-coincident.

(2) Estimated figures.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

May 1966

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	66,785	88,516
Deliveries to ultimate customers .....	72,650	80,910
Line pack fluctuations .....	-	- 2,017
Gas used in system .....	2,011	928
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 7,876	8,695
Total disposition .....	66,785	88,516
Daily average sendout .....	2,154	2,855
Revenues .....	(\$ )49,801	(\$ )134,691 (1)

(1) Estimated figures.



TABLE 6. Sales of Natural Gas

No.		May 1966			
		Customers		Gas sold	Revenue
		Space heating(1)	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	2,073	3,694	12,795
2	Quebec .....	83,153	202,354	608,602	1,379,157
3	Ontario .....	463,415	639,570	6,637,608	8,113,976
4	Manitoba .....	86,394	89,429	1,133,420	1,039,307
5	Saskatchewan .....	97,853	101,895	1,544,820	1,176,686
6	Alberta .....	229,600	236,319	3,185,762	1,865,524
7	British Columbia .....	147,411	168,960	1,184,037	1,867,226(1)
8	Canada .....	1,107,926	1,440,600	14,297,943	15,454,671
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,364	1,578,582	845,923
11	Ontario .....		6,825	10,376,458	5,565,315
12	Manitoba .....		278	1,025,359	317,329
13	Saskatchewan .....		553	2,721,282	508,895
14	Alberta .....		555	7,676,941	1,419,339
15	British Columbia .....		238	3,388,093	1,416,223(1)
16	Canada .....		24,357	26,766,715	10,073,024
17	Firm .....		23,849	20,096,254	7,498,664
18	Interruptible .....		508	6,670,461	2,574,360
	Commercial:				
19	New Brunswick .....	52		1,397	3,041
20	Quebec .....	9,806		190,597	280,926
21	Ontario .....	54,082		3,477,847	3,249,348
22	Manitoba .....	7,992		839,221	609,577
23	Saskatchewan .....	14,097		950,129	663,789
24	Alberta .....	26,285		2,479,114	989,652
25	British Columbia .....	22,311		750,407	922,250(1)
26	Canada .....		121,081	8,688,712	6,718,583
	Total sales:				
27	New Brunswick .....		2,125	5,091	15,836
28	Quebec .....		214,524	2,377,781	2,506,006
29	Ontario .....		700,477	20,491,913	16,928,639
30	Manitoba .....		97,699	2,998,000	1,966,213
31	Saskatchewan .....		116,545	5,216,231	2,349,370
32	Alberta .....		263,159	13,341,817	4,274,515
33	British Columbia .....		191,509	5,322,537	4,205,699(1)
34	Canada .....		1,586,038	49,753,370	32,246,278

(1) Estimated figures.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		May 1966		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue(1)
		No.	Mcf.	\$
1	Domestic .....	14,113	49,863	85,714
2	Industrial .....	38	583	600
3	Commercial .....	2,470	30,464	48,377
4	Totals .....	16,621	80,910	134,691

(1) Estimated figures.

TABLE 6. Sales of Natural Gas

May 1966		May 1965 <sup>r</sup>				
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.78	3.46	100	2,283	4,594	15,096	1
3.01	2.27	80,126	206,456	420,782	989,728	2
10.38	1.22	465,943	615,380	5,094,769	6,413,447	3
12.67	0.92	77,941	81,209	761,081	727,676	4
15.16	0.76	86,590	94,046	1,298,603	1,010,687	5
13.48	0.59	222,214	229,249	2,896,372	1,721,824	6
7.01	1.58	135,997	158,193	918,181	1,447,834	7
9.92	1.08	1,068,911	1,386,816	11,394,382	12,326,292	8
-	-	-	-	-	-	9
668	0.54		2,334	1,361,761	703,441	10
1,520	0.54		6,529	8,892,370	4,684,740	11
3,688	0.31		243	587,589	192,954	12
4,921	0.19		543	2,965,440	679,822	13
13,832	0.18		607	6,988,231	1,252,069	14
14,236	0.42		815	2,255,817	942,739	15
10,989	0.38		11,071	23,051,208	8,455,765	16
843	0.37		10,636	18,343,101	6,656,773	17
13,131	0.39		435	4,708,107	1,798,992	18
26.9	2.18		-	-	-	19
19.4	1.47		9,734	125,037	184,413	20
64.3	0.93		50,292	2,101,249	2,087,417	21
105.0	0.73		7,189	561,020	416,248	22
67.4	0.70		12,471	672,439	384,671	23
94.3	0.40		25,318	2,182,630	868,308	24
33.6	1.23		20,485	403,011	495,338	25
71.8	0.77		125,489	6,045,386	4,436,395	26
2.4	3.11		2,283	4,594	15,096	27
11.1	1.05		218,524	1,907,580	1,877,582	28
29.3	0.83		672,201	16,088,388	13,185,604	29
30.7	0.66		88,641	1,909,690	1,336,878	30
44.8	0.45		107,060	4,936,482	2,075,180	31
50.7	0.32		255,174	12,067,233	3,842,201	32
27.8	0.79		179,493	3,577,009	2,885,911	33
31.4	0.65		1,523,376	40,490,976	25,218,452	34

<sup>r</sup> Revised figures.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

May 1966				No.
Manufactured gas				
Customers	Gas sold		Revenue	
No.	Mcf.		\$	
2,260	13,932		16,590	1
28	44,549		16,667	2
599	14,169		16,544	3
2,887	72,650		49,801	4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	May 1966			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	3,779	-	1,429	5,208
Quebec .....	614,539	1,592,765	192,417	2,399,721
Ontario .....	6,665,379	10,432,387	3,494,373	20,592,139
Manitoba .....	1,146,959	1,036,937	850,111	3,034,007
Saskatchewan .....	1,553,207	2,736,057	955,288	5,244,552
Alberta .....	3,431,217	8,210,192	2,677,228	14,318,637
British Columbia .....	1,251,283	3,576,262	793,273	5,620,818
Canada .....	14,666,363	27,584,600	8,964,119	51,215,082

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	May 1966						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	19,841	266,413	6,776,094	2,371,837	26,874,603	36,308,788	188,052,511
Imports .....	-	4,026,810	-	4,730	-	4,031,540	17,183,724

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	May 1966	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	72,696	35,722

TABLE 11. Exports and Imports to and from the United States

May 1966

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	19,664	-
Ontario - Cornwall .....	265,088	-
Niagara Falls .....	-	2,174,404
Ojibway .....	-	1,832,398
Total Ontario .....	265,088	4,006,802
Manitoba - Emerson .....	6,715,653	-
Alberta - Aden .....	1,533,459	-
Carway .....	869,430	-
Coutts .....	186	4,730
Total Alberta .....	2,403,065	4,730
British Columbia - Kingsgate - U.S.A. District V South(1)	13,466,691	-
Other U.S.A. ....	3,573,454	-
Huntingdon .....	8,522,283	-
Total British Columbia .....	25,562,428	-
Canada - 1966 .....	34,965,898	4,011,532
1965 .....	31,144,131	1,644,387
Year to date - 1966 .....	180,996,953	17,050,613
1965 .....	170,572,625	3,469,808
Value - 1966 .....	9,002,051	1,770,113
1965 .....	8,200,476	639,000

(1) California, Nevada, Arizona.





CATALOGUE No.

55-002

MONTHLY

CANADA  
(DOMINION) BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

OCT 7 1966

UNIVERSITY OF TORONTO

Vol. 8, No. 6

Price: 20 cents, \$2.00 a year

Gas Utilities  
(Transport and Distribution Systems)

JUNE 1966

During June 1966 field gathering systems and processing plants delivered to gas utilities 77,235,036 Mcf. of natural gas. The transport systems accounted for 61,468,371 Mcf. and the distribution systems 15,766,665 Mcf. Natural gas recovered from storage was - 86,850 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume (000 Mcf.)	% of Total Supply	% Increase Over June 1965	Revenue (\$000)	% of Total Revenue
Ultimate customers .....	38,614	47.7	15.0	22,952	73.0
Exports .....	32,786	40.5	1.0	8,478	27.0
Losses, deliveries to storage, cyclical billing adjustments, etc. ....	9,615	11.8	...	...	...
Total .....	81,015	100.0	10.2	31,430	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas amounted to 59.6 billion commodity (Mcf) miles (1,360 million ton miles) during June 1966 compared with 54.9 billion (1,251 million ton miles) last year. The daily average deliveries of gas utilities amounted to 2.7 million Mcf.

Alberta natural gas utilities receipts totalled 63.7 billion cubic feet; of this 16.6 per cent was sold to ultimate customers in Alberta, 16.1 per cent in Ontario, 3.1 per cent in Saskatchewan, 3.7 per cent in Quebec, 1.5 per cent in Manitoba and 1.3 per cent in British Columbia. Exports accounted for 41.2 per cent while the remaining 16.5 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 gas received from storage is considered as having originated in the province where the storage is located and gas delivered to storage as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during June 1966 compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales (000 Mcf.)	% of Total Sales	% Increase Over June 1965	Revenue (\$000)	% of Sales Revenue	Number of Customers
Residential .....	8,054	20.9	19.7	9,365	40.8	1,439
Industrial .....	25,648	66.4	11.1	9,638	42.0	11
Commercial .....	4,911	12.7	30.6	3,949	17.2	134
Total .....	38,613	100.0	15.0	22,952	100.0	1,584

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Industry Division

September 1966  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

June 1966

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	6,495	-	1,128,724
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	6,495	-	1,128,724
4	Imports .....	-	-	3,857,347
5	Other receipts (1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	6,495	-	4,986,071
7	Received from storage .....	-	-	- 189,846
9	Total supply of gas utilities (6 + 7) .....	6,495	-	4,796,225
	Transfers from:			
11	Other provinces .....	-	2,442,530	21,362,142
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	2,425,825	26,555,711
19	Total gross receipts (9 + 11 + 12 + 13) ...	6,495	4,868,355	52,714,078
	<u>Disposition</u>			
	Sales:			
20	Residential .....	3,447	268,320	3,638,531
21	Industrial .....	-	1,968,804	9,967,056
22	Commercial .....	1,153	118,829	1,822,975
30	Total sales (20 + 21 + 22) .....	4,600	2,355,953	15,428,562
31	Exports .....	-	16,705	197,857
32	Other deliveries .....	-	-	53
33	Total net deliveries (30 + 31 + 32) .....	4,600	2,372,658	15,626,472
34	Delivered to storage .....	-	-	8,952,901
35	Line pack fluctuation .....	-	- 8,048	- 24,164
36	Gas used in system .....	3	581	1,850,068
37	Line losses and unaccounted for .....	1,892	77,339	- 2,689,440
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,495	2,442,530	23,715,837
	Transfers to:			
40	Other provinces .....	-	-	2,442,530
41	Distribution by transport (primary) .....	-	2,425,825	19,079,076
42	Other gas utilities .....	-	-	7,476,635
49	Total disposition (39 + 40 + 41 + 42) .....	6,495	4,868,355	52,714,078

(1) Includes peak shaving and enrichment.

... Not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

June 1966

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	June 1965 <sup>r</sup>	No.
					Canada	
Mcf.						
-	-	5,116,893	164,282	5,281,175	6,474,340	1a
-	490,355	45,757,011	9,939,830	56,187,196	52,331,645	1b
-	715,100	4,790,864	-	6,641,183	5,177,581	2a
-	1,120,066	7,973,426	31,990	9,125,482	8,096,332	2b
-	2,325,521	63,638,194	10,136,102	77,235,036	72,079,898	3
-	-	3,637	-	3,860,984	1,289,500	4
5,664	-	-	-	5,664	1,233	5
5,664	2,325,521	63,641,831	10,136,102	81,101,684	73,370,631	6
-	86,467	16,529	-	- 86,850	119,657	7
5,664	2,411,988	63,658,360	10,136,102	81,014,834	73,490,288	9
29,225,845	31,153,663	-	18,667,853	...	...	11
-	487,562	1,504,995	-	1,992,557	535,949	12
1,417,796	1,964,851	2,748,084	4,365,654	39,477,920	33,465,957	13
30,649,305	36,018,064	67,911,439	33,169,609	122,485,311	107,492,194	19
518,473	954,415	1,907,574	763,117	8,053,877	6,729,973	20
856,323	2,630,436	7,137,464	3,088,345	25,648,428	23,076,483	21
381,154	464,030	1,557,192	565,893	4,911,226	3,759,779	22
1,755,950	4,048,881	10,602,230	4,417,355	38,613,531	33,566,235	30
6,004,316	-	2,318,295	24,248,517	32,785,690	32,546,331	31
-	-	175,638	-	175,691	188,888	32
7,760,266	4,048,881	13,096,163	28,665,872	71,574,912	66,301,454	33
-	455,215	728,829	-	10,136,945	6,447,425	34
- 4,275	- 23,184	- 69,498	- 75,854	- 205,023	- 315,085	35
434,722	774,935	200,269	227,845	3,488,423	2,986,078	36
- 321,346	- 916,041	- 118,920	- 13,907	- 3,980,423	- 1,929,584	37
7,869,367	4,339,806	13,836,843	28,803,956	81,014,834	73,490,288	39
21,362,142	29,225,845	49,821,517	-	...	...	40
1,417,796	1,964,851	302,135	4,278,691	29,468,374	23,808,795	41
-	487,562	3,950,944	86,962	12,002,103	10,193,111	42
30,649,305	36,018,064	67,911,439	33,169,609	122,485,311	107,492,194	49

<sup>r</sup> Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	10,462,945	9,199,677	8,796,207	6,940,111	7,397,472
1b	Processing plants .....	73,537,156	64,527,919	69,172,869	63,325,361	61,744,553
2	By distribution systems:					
2a	Fields .....	15,425,563	10,866,000	11,156,653	9,455,473	6,230,353
2b	Processing plants .....	12,687,509	10,993,992	11,315,242	10,441,356	9,991,217
3	Total (1 + 2) .....	112,113,173	95,587,588	100,440,971	90,162,301	85,363,595
4	Imports .....	3,219,680	2,861,093	3,041,015	3,917,293	4,011,532
5	Other receipts(1) .....	2,357	- 564	1,001	- 1,960	- 313
6	Total net receipts (3 + 4 + 5) .....	115,335,210	98,448,117	103,482,987	94,077,634	89,374,814
7	Received from storage .....	9,757,678	6,568,074	3,027,128	1,037,720	288,631
9	Total supply of gas utilities (6 + 7) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,663,445
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	1,239,865	667,774	614,077	552,919	1,004,321
13	Other gas utilities .....	58,643,485	49,635,064	51,555,605	45,708,482	43,677,298
19	Total gross receipts (9 + 11 + 12 + 13) ...	184,976,238	155,319,029	158,679,797	141,376,755	134,345,064
	<u>Disposition</u>					
	Sales:					
20	Residential .....	30,900,098	30,127,488	24,823,276	19,927,158	14,297,943
21	Industrial .....	26,694,952	25,119,783	28,100,115	26,663,822	26,766,715
22	Commercial .....	16,511,102	15,985,229	13,556,267	11,151,731	8,688,712
30	Total sales (20 + 21 + 22) .....	74,106,152	71,232,500	66,479,658	57,742,711	49,753,370
31	Exports .....	38,644,552	34,761,484	38,020,917	34,604,102	34,965,898
32	Other deliveries .....	258,781	266,370	265,730	230,378	182,508
33	Total net deliveries (30 + 31 + 32) .....	113,009,485	106,260,354	104,766,305	92,577,191	84,901,776
34	Delivered to storage .....	419,697	813,407	- 197,114	2,974,437	6,112,931
35	Line pack fluctuation .....	96,608	- 62,730	61,210	- 158,166	- 52,916
36	Gas used in system .....	4,998,364	4,409,579	4,441,104	4,082,791	4,208,036
37	Line losses and unaccounted for .....	6,568,734	- 6,404,419	- 2,561,390	- 4,360,899	- 5,506,382
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,663,445
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	43,778,424	37,511,726	39,030,411	35,065,430	33,303,546
42	Other gas utilities .....	16,104,926	12,791,112	13,139,271	11,195,971	11,378,073
49	Total disposition (39 + 40 + 41 + 42) .....	184,976,238	155,319,029	158,679,797	141,376,755	134,345,064

(1) Includes peak shaving and enrichment.  
r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

June	July	August	September	October	November	December	Year to date		No.
							1966	1965 <sup>F</sup>	
Mcf.									
5,281,175							48,077,587	49,868,560	1a
56,187,196							388,495,054	356,195,223	1b
6,641,183							59,775,225	50,135,334	2a
9,125,482							64,554,798	65,111,293	2b
77,235,036							560,902,664	521,310,410	3
3,860,984							20,911,597	4,759,308	4
5,664							6,185	357,719	5
81,101,684							581,820,446	526,427,437	6
- 86,850							20,592,381	25,499,546	7
81,014,834							602,412,827	551,926,983	9
...							...	...	11
1,992,557							6,071,513	5,938,294	12
39,477,920							288,697,854	268,168,259	13
122,485,311							897,182,194	826,033,536	19
8,053,877							128,129,840	122,115,057	20
25,648,428							158,993,815	135,453,137	21
4,911,226							70,804,267	62,313,091	22
38,613,531							357,927,922	319,881,285	30
32,785,690							213,782,643	203,118,956	31
175,691							1,379,458	1,198,652	32
71,574,912							573,090,023	524,198,893	33
10,136,945							20,260,303	18,302,292	34
- 205,023							- 321,017	- 138,158	35
3,488,423							25,628,297	22,565,716	36
- 3,980,423							- 16,244,779	- 13,001,760	37
81,014,834							602,412,827	551,926,983	39
...							...	...	40
29,468,374							218,157,911	200,769,312	41
12,002,103							76,611,456	73,337,241	42
122,485,311							897,182,194	826,033,536	49

... Not appropriate or not applicable.





TABLE 4. Operating Statistics: Natural Gas Utilities

June 1966

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
June 1966			
Daily average .....	2,075,135	1,287,118	2,723,729
Maximum(1) .....	2,324,881	...	...
Minimum(1) .....	1,916,144	...	...
Exports maximum(1) .....	1,203,891	...	1,203,891
June 1965			
Daily average .....	1,878,504	1,117,665	2,423,754
Maximum(1) .....	2,051,270	...	...
Minimum(1) .....	1,526,879	...	...
Year to date 1966			
Daily average .....	2,386,412	1,977,502	3,278,179
Maximum(1) .....	2,834,533	...	...
Minimum(1) .....	1,824,936	...	...
Commodity miles:			
Mcf. miles (thousands) .....	59,641,312	..	..
Ton-miles (millions) .....	1,360	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,750,144	..	..
End of month (Mcf.) .....	7,569,990	..	..
Operating revenues .....	..	\$22,952,671(2)	..

(1) Non-coincident.

(2) Estimated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

June 1966

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	44,603	69,416
Deliveries to ultimate customers .....	40,480	59,513
Line pack fluctuations .....	-	- 1,180
Gas used in system .....	1,178	789
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	2,945	10,294
Total disposition .....	44,603	69,416
Daily average sendout .....	1,487	2,314
Revenues .....	(\$ )32,545	(\$ )106,968(1)

(1) Estimated.

TABLE 6. Sales of Natural Gas

No.		June 1966			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
<b>Residential:</b>					
1	New Brunswick .....	100	2,065	3,447	11,995
2	Quebec .....	82,351	200,370	268,320	717,724
3	Ontario .....	490,899	637,421	3,638,531	4,699,735
4	Manitoba .....	87,173	90,164	518,473	546,862
5	Saskatchewan .....	100,606	104,762	954,415	853,003
6	Alberta .....	229,304	234,929	1,907,574	1,330,322
7	British Columbia .....	147,779	168,860	763,117	1,205,725(1)
8	Canada .....	1,138,212	1,438,571	8,053,877	9,365,366
<b>Industrial:</b>					
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,371	1,968,804	873,231
11	Ontario .....		6,811	9,967,056	5,241,097
12	Manitoba .....		276	856,323	270,663
13	Saskatchewan .....		550	2,630,436	636,692
14	Alberta .....		662	7,137,464	1,319,691
15	British Columbia .....		250	3,088,345	1,297,105(1)
16	Canada .....		10,920	25,648,428	9,638,479
17	Firm .....		10,337	18,821,533	7,038,473
18	Interruptible .....		583	6,826,895	2,600,006
<b>Commercial:</b>					
19	New Brunswick .....		52	1,153	2,603
20	Quebec .....		9,744	118,829	169,392
21	Ontario .....		53,758	1,822,975	1,837,098
22	Manitoba .....		7,988	381,154	293,509
23	Saskatchewan .....		14,019	464,030	294,293
24	Alberta .....		26,420	1,557,192	655,883
25	British Columbia .....		22,242	565,893	696,048(1)
26	Canada .....		134,223	4,911,226	3,948,826
<b>Total sales:</b>					
27	New Brunswick .....		2,117	4,600	14,598
28	Quebec .....		212,485	2,355,953	1,760,347
29	Ontario .....		697,990	15,428,562	11,777,930
30	Manitoba .....		98,428	1,755,950	1,111,034
31	Saskatchewan .....		119,331	4,048,881	1,783,988
32	Alberta .....		262,011	10,602,230	3,305,896
33	British Columbia .....		191,352	4,417,355	3,198,878
34	Canada .....		1,583,714	38,613,531	22,952,671

(1) Estimated.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		June 1966		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	14,100	31,626	62,320
2	Industrial .....	38	633	636
3	Commercial .....	2,455	27,254	44,012
4	Totals .....	16,593	59,513	106,968

TABLE 6. Sales of Natural Gas

June 1966		June 1965 <sup>r</sup>				
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.67	3.48	100	2,266	4,221	14,239	1
1.34	2.67	79,759	204,224	247,563	757,212	2
5.71	1.29	462,623	611,406	2,847,124	3,790,709	3
5.75	1.05	78,268	81,469	475,553	508,548	4
9.11	0.89	87,974	95,550	822,895	746,915	5
8.12	0.70	222,083	228,104	1,839,367	1,251,998	6
4.52	1.58	135,918	157,876	493,250	889,959	7
5.60	1.16	1,066,725	1,380,895	6,729,973	7,959,580	8
-	-	-	-	-	-	9
830	0.44	-	2,345	1,891,567	830,775	10
1,463	0.53	-	6,496	8,632,570	4,481,642	11
3,103	0.32	-	254	710,026	227,965	12
4,783	0.24	-	542	2,466,516	543,514	13
10,782	0.18	-	667	6,846,158	1,198,874	14
12,353	0.42	-	834	2,529,646	969,861	15
2,349	0.38	-	11,138	23,076,483	8,252,631	16
1,821	0.37	-	10,689	17,565,440	6,132,190	17
11,710	0.38	-	449	5,511,043	2,120,441	18
22.2	2.26	-	-	-	-	19
12.2	1.43	-	9,441	102,799	167,525	20
33.9	1.01	-	49,958	1,269,299	1,358,953	21
47.7	0.77	-	7,242	329,795	259,386	22
33.1	0.63	-	12,420	397,510	248,435	23
58.9	0.42	-	25,760	1,402,464	591,177	24
25.4	1.23	-	20,224	257,912	334,870	25
36.6	0.80	-	125,045	3,759,779	2,960,346	26
2.2	3.17	-	2,266	4,221	14,239	27
11.1	0.75	-	216,010	2,241,929	1,755,512	28
22.1	0.76	-	667,860	12,748,993	9,631,304	29
17.8	0.63	-	88,965	1,515,374	995,899	30
33.9	0.44	-	108,512	3,686,921	1,538,864	31
40.5	0.31	-	254,531	10,087,989	3,042,049	32
23.1	0.72	-	178,934	3,280,808	2,194,690	33
24.4	0.59	-	1,517,078	33,566,235	19,172,557	34

<sup>r</sup> Revised figures.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

June 1966				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
2,205	4,210	8,014	1	
29	34,031	10,799	2	
587	2,239	13,732	3	
2,821	40,480	32,545	4	

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	June 1966			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	3,526	-	1,179	4,705
Quebec .....	270,933	1,987,063	119,971	2,377,967
Ontario .....	3,656,457	10,027,076	1,832,436	15,515,969
Manitoba .....	523,876	864,469	385,389	1,773,734
Saskatchewan .....	959,597	2,644,718	466,549	4,070,864
Alberta .....	2,063,973	7,629,783	1,691,483	11,385,239
British Columbia .....	821,220	3,320,378	608,812	4,750,410
Canada .....	8,299,582	26,473,487	5,105,819	39,878,888

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	June 1966						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	16,905	198,846	6,076,368	2,290,576	25,409,039	33,991,734	222,044,245
Imports .....	-	3,875,680	-	3,637	-	3,879,317	21,063,041

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	June 1966	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	52,201	20,259



TABLE 11. Exports and Imports to and from the United States

June 1966

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	16,705	-
Ontario - Cornwall .....	197,857	-
Niagara Falls .....	-	2,106,574
Ojibway .....	-	1,750,773
Total Ontario .....	197,857	3,857,347
Manitoba - Emerson .....	6,004,316	-
Alberta - Aden .....	1,433,084	-
Carway .....	885,186	-
Coutts .....	25	3,637
Total Alberta .....	2,290,476	3,637
British Columbia - Kingsgate - U.S.A. District V South(1)	12,905,473	-
Other U.S.A. ....	3,506,275	-
Huntingdon .....	7,836,769	-
Total British Columbia .....	24,248,517	-
Canada - 1966 .....	32,785,690	3,860,984
1965 .....	32,546,331	1,289,500
Year to date - 1966 .....	213,782,643	20,911,597
1965 .....	203,118,956	4,759,308
Value - 1966 .....	(\$)	8,477,407
1965 .....	(\$)	8,591,125
		1,701,376
		493,000

(1) California, Nevada, Arizona.



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MONTHLY

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Vol. 8, No. 7

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UNIVERSITY OF TORONTO

GAS UTILITIES  
(Transport and Distribution Systems)

JULY 1966

During July 1966 field gathering systems and processing plants delivered to gas utilities 77,038,769 Mcf. of natural gas. The transport systems accounted for 61,734,130 Mcf. and the distribution systems 15,304,639 Mcf. Natural gas recovered from storage was 43,835 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume (000 Mcf.)	% of Total Supply	% Increase Over July 1965	Revenue (\$000)	% of Total Revenue
Ultimate customers .....	30,101	37.1	4.7	16,851	66.2
Exports .....	33,789	41.7	9.3	8,595	33.8
Losses, deliveries to storage, cyclical billing adjustments .....	17,143	21.2	...	...	...
Total .....	81,033	100.0	13.5	25,446	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas amounted to 59.9 billion commodity (Mcf) miles (1,366 million ton miles) during July 1966 compared with 56.5 billion (1,289 million ton miles) last year. The daily average deliveries of gas utilities amounted to 2.5 million Mcf.

Alberta natural gas utilities receipts totalled 63.8 billion cubic feet; of this 14.5 per cent was sold to ultimate customers in Alberta, 9.3 per cent in Ontario, 2.1 per cent in Saskatchewan, 4.9 per cent in Quebec, 0.4 per cent in Manitoba and 1.1 per cent in British Columbia. Exports accounted for 42.5 per cent while the remaining 25.2 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 gas received from storage is considered as having originated in the province where the storage is located and gas delivered to storage as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during July 1966 compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales (000 Mcf.)	% of Total Sales	% Increase Over July 1965	Revenue (\$000)	% of Sales Revenue	Number of Customers (000)
Residential .....	4,351	14.5	3.3	5,933	35.2	1,435
Industrial .....	22,604	75.1	4.2	8,233	48.9	11
Commercial .....	3,146	10.4	10.9	2,685	15.9	133
Total .....	30,101	100.0	4.7	16,851	100.0	1,579

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Industry Division

October 1966  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

July 1966

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	6,335	-	1,029,514
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	6,335	-	1,029,514
4	Imports .....	-	-	3,947,788
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	6,335	-	4,977,302
7	Received from storage .....	-	-	15,398
9	Total supply of gas utilities (6 + 7) .....	6,335	-	4,992,700
	Transfers from:			
11	Other provinces .....	-	2,207,489	21,559,982
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	2,192,092	27,416,277
19	Total gross receipts (9 + 11 + 12 + 13) ...	6,335	4,399,581	53,968,959
	<u>Disposition</u>			
	Sales:			
20	Residential .....	3,135	213,151	1,681,312
21	Industrial .....	-	1,794,667	8,188,353
22	Commercial .....	1,106	112,494	1,108,161
30	Total sales (20 + 21 + 22) .....	4,241	2,120,312	10,977,826
31	Exports .....	-	15,397	175,398
32	Other deliveries .....	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	4,241	2,135,709	11,153,224
34	Delivered to storage .....	-	-	11,567,372
35	Line pack fluctuation .....	-	- 359	20,967
36	Gas used in system .....	6	335	1,935,138
37	Line losses and unaccounted for .....	2,088	71,804	- 331,508
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,335	2,207,489	24,345,193
	Transfers to:			
40	Other provinces .....	-	-	2,207,489
41	Distribution by transport (primary) .....	-	2,192,092	19,401,074
42	Other gas utilities .....	-	-	8,015,203
49	Total disposition (39 + 40 + 41 + 42) .....	6,335	4,399,581	53,968,959

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

July 1966

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	July 1965 <sup>F</sup>	No.
					Canada	
Mcf.						
-	-	4,077,683	166,193	4,243,876	6,376,006	1a
-	458,022	47,254,963	9,777,269	57,490,254	51,806,123	1b
-	750,546	4,228,400	-	6,014,795	3,491,278	2a
-	1,000,062	8,268,035	21,747	9,289,844	8,285,632	2b
-	2,208,630	63,829,081	9,965,209	77,038,769	69,959,039	3
-	-	2,108	-	3,949,896	1,395,725	4
639	-	-	-	639	548	5
639	2,208,630	63,831,189	9,965,209	80,989,304	71,355,312	6
-	25,070	3,367	-	43,835	48,165	7
639	2,233,700	63,834,556	9,965,209	81,033,139	71,403,477	9
29,313,203	30,736,043	3,170	19,170,727	...	...	11
-	1,225,660	1,559,110	-	2,784,770	589,442	12
994,681	2,098,166	2,997,918	3,667,471	39,366,605	34,692,241	13
30,308,523	36,293,569	68,394,754	32,803,407	123,184,514	106,685,160	19
226,829	474,148	1,196,916	555,857	4,351,348	4,211,328	20
686,762	2,325,834	6,944,986	2,663,832	22,604,434	21,694,574	21
172,367	149,828	1,135,040	466,710	3,145,706	2,837,709	22
1,085,958	2,949,810	9,276,942	3,686,399	30,101,488	28,743,611	30
6,259,645	-	2,395,544	24,943,136	33,789,120	30,910,360	31
-	-	170,419	-	170,419	169,046	32
7,345,603	2,949,810	11,842,905	28,629,535	64,061,027	59,823,017	33
-	-	1,478,684	-	13,046,056	9,020,808	34
15,585	76,229	- 14,650	129,425	227,197	- 44,961	35
449,156	789,052	330,728	214,788	3,719,203	3,237,199	36
- 56,484	- 161,721	293,289	162,188	- 20,344	- 632,586	37
7,753,860	3,653,370	13,930,956	29,135,936	81,033,139	71,403,477	39
21,559,982	29,316,373	49,906,770	-	...	...	40
994,681	2,098,166	422,354	3,595,936	28,704,303	24,178,548	41
-	1,225,660	4,134,674	71,535	13,447,072	11,103,135	42
30,308,523	36,293,569	68,394,754	32,803,407	123,184,514	106,685,160	49

<sup>F</sup> Revised figures.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

No.		January	February	March	April	May <sup>r</sup>
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	10,462,945	9,199,677	8,796,207	6,940,111	7,397,472
1b	Processing plants .....	73,537,156	64,527,919	69,172,869	63,325,361	61,744,553
2	By distribution systems:					
2a	Fields .....	15,425,563	10,866,000	11,156,653	9,455,473	6,231,761
2b	Processing plants .....	12,687,509	10,993,992	11,315,242	10,441,356	9,991,217
3	Total (1 + 2) .....	112,113,173	95,587,588	100,440,971	90,162,301	85,365,003
4	Imports .....	3,219,680	2,861,093	3,041,015	3,917,293	4,011,532
5	Other receipts(1) .....	2,357	- 564	1,001	- 1,960	- 313
6	Total net receipts (3 + 4 + 5) .....	115,335,210	98,448,117	103,482,987	94,077,634	89,376,222
7	Received from storage .....	9,757,678	6,568,074	3,027,128	1,037,720	288,631
9	Total supply of gas utilities (6 + 7) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,664,853
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	1,239,865	667,774	614,077	552,919	1,004,321
13	Other gas utilities .....	58,643,485	49,635,064	51,555,605	45,708,482	43,666,084
19	Total gross receipts (9 + 11 + 12 + 13) ...	184,976,238	155,319,029	158,679,797	141,376,755	134,335,258
	<u>Disposition</u>					
	Sales:					
20	Residential .....	30,900,098	30,127,488	24,823,276	19,927,158	14,299,351
21	Industrial .....	26,694,952	25,119,783	28,100,115	26,663,822	26,766,715
22	Commercial .....	16,511,102	15,985,229	13,556,267	11,151,731	8,688,712
30	Total sales (20 + 21 + 22) .....	74,106,152	71,232,500	66,479,658	57,742,711	49,754,778
31	Exports .....	38,644,552	34,761,484	38,020,917	34,604,102	34,965,898
32	Other deliveries .....	258,781	266,370	265,730	230,378	182,508
33	Total net deliveries (30 + 31 + 32) .....	113,009,485	106,260,354	104,766,305	92,577,191	84,903,184
34	Delivered to storage .....	419,697	813,407	- 197,114	2,974,437	6,112,931
35	Line pack fluctuation .....	96,608	- 62,730	61,210	- 158,166	- 52,916
36	Gas used in system .....	4,998,364	4,409,579	4,441,104	4,082,791	4,208,036
37	Line losses and unaccounted for .....	6,568,734	- 6,404,419	- 2,561,390	- 4,360,899	- 5,506,382
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,664,853
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	43,778,424	37,511,726	39,030,411	35,065,430	33,292,332
42	Other gas utilities .....	16,104,926	12,791,112	13,139,271	11,195,971	11,378,073
49	Total disposition (39 + 40 + 41 + 42) .....	184,976,238	155,319,029	158,679,797	141,376,755	134,335,258

(1) Includes peak shaving and enrichment.

<sup>r</sup> Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

June <sup>r</sup>	July	August	September	October	November	December	Year to date		No.
							1966	1965 <sup>r</sup>	
Mcf.									
5,281,175 56,187,196	4,243,876 57,490,254						52,321,463 445,985,308	56,244,566 408,001,346	1a 1b
6,646,115 9,125,482	6,014,795 9,289,844						65,796,360 73,844,642	53,626,612 73,396,925	2a 2b
77,239,968	77,038,769						637,947,773	591,269,449	3
3,860,984 5,664	3,949,896 639						24,861,493 6,824	6,155,033 358,267	4 5
81,106,616	80,989,304						662,816,090	597,782,749	6
- 86,850	43,835						20,636,216	25,547,711	7
81,019,766	81,033,139						683,452,306	623,330,460	9
...	...						...	...	11
1,992,557 39,477,920	2,784,770 39,366,605						8,856,283 328,053,245	6,527,736 302,860,500	12 13
122,490,243	123,184,514						1,020,361,834	932,718,696	19
8,053,877 25,648,428 4,911,226	4,351,348 22,604,434 3,145,706						132,482,596 181,598,249 73,949,973	126,326,385 157,147,711 65,150,800	20 21 22
38,613,531	30,101,488						388,030,818	348,624,896	30
32,785,690 175,691	33,789,120 170,419						247,571,763 1,549,877	234,029,316 1,367,698	31 32
71,574,912	64,061,027						637,152,458	584,021,910	33
10,136,945 - 205,023	13,046,056 227,197						33,306,359 - 93,820	27,323,100 - 183,119	34 35
3,488,423 - 3,975,491	3,719,203 - 20,344						29,347,500 - 16,260,191	25,802,915 13,634,346	36 37
81,019,766	81,033,139						683,452,306	623,330,460	39
...	...						...	...	40
29,468,374 12,002,103	28,704,303 13,447,072						246,851,000 90,058,528	224,947,860 84,440,376	41 42
122,490,243	123,184,514						1,020,361,834	932,718,696	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

July 1966

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields .....	-	-	-	4,077,683	166,193	...	4,243,876
1b	Processing plants .....	-	-	458,022	47,254,963	9,777,269	...	57,490,254
2	By distribution systems:							
2a	Fields .....	6,335	1,029,514	750,546	4,228,400	-	...	6,014,795
2b	Processing plants .....	-	-	1,000,062	8,268,035	21,747	...	9,289,844
3	Total (1 + 2) .....	6,335	1,029,514	2,208,630	63,829,081	9,965,209	...	77,038,769
4	Imports .....	...	...	...	...	...	3,949,896	3,949,896
5	Other receipts(1) .....	-	-	-	639	-	...	639
6	Total net receipts (3 + 4 + 5) .....	6,335	1,029,514	2,208,630	63,829,720	9,965,209	3,949,896	80,989,304
7	Received from storage .....	-	15,398	25,070	3,367	-	...	43,835
9	Total supply of gas utilities (6 + 7) .....	6,335	1,044,912	2,233,700	63,833,087	9,965,209	3,949,896	81,033,139
	<u>Disposition</u>							
	Sales:							
23	British Columbia .....	-	-	-	682,647	3,003,752	-	3,686,399
24	Alberta .....	-	-	3,170	9,271,664	-	2,108	9,276,942
25	Saskatchewan .....	-	-	1,585,035	1,364,775	-	-	2,949,810
26	Manitoba .....	-	-	827,141	258,817	-	-	1,085,958
27	Ontario .....	-	1,063,272	-	5,966,766	-	3,947,788	10,977,826
28	Quebec .....	-	-	-	2,120,312	-	-	2,120,312
29	New Brunswick .....	4,241	-	-	-	-	-	4,241
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,241	1,063,272	2,415,346	19,664,981	3,003,752	3,949,896	30,101,488
31	Exports .....	-	-	-	27,118,833	6,670,287	-	33,789,120
32	Other deliveries .....	-	-	-	170,419	-	-	170,419
33	Total net deliveries (30 + 31 + 32) .....	4,241	1,063,272	2,415,346	46,954,233	9,674,039	3,949,896	64,061,027
34	Delivered to storage .....	-	-	-	13,046,056	-	-	13,046,056
35	Line pack fluctuation .....	-	-	8,694	83,196	135,307	-	227,197
36	Gas used in system .....	6	67,840	44,303	3,462,692	144,362	-	3,719,203
37	Line losses and unaccounted for .....	2,088	- 86,200	- 234,643	286,910	11,501	-	- 20,344
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,335	1,044,912	2,233,700	63,833,087	9,965,209	3,949,896	81,033,139

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics; Natural Gas Utilities

July 1966

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
July 1966:			
Daily average .....	2,015,917	971,016	2,519,583
Maximum(1) .....	2,183,777	...	...
Minimum(1) .....	1,691,514	...	...
Exports maximum(1) .....	1,217,609	...	1,217,609
July 1965			
Daily average .....	1,777,062	926,663	2,220,218
Maximum(1) .....	1,988,510	...	...
Minimum(1) .....	1,557,497	...	...
Year to date 1966:			
Daily average .....	2,332,183	1,830,334	3,162,542
Maximum(1) .....	2,834,533	...	...
Minimum(1) .....	1,691,514	...	...
Commodity miles:			
Mcf. miles (thousands) .....	59,903,497	..	..
Ton-miles (millions) .....	1,366	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,569,990	..	..
End of month (Mcf.) .....	7,786,458	..	..
Operating revenues .....	..	(\$ )16,851,016(2)	..

(1) Non-coincident.

(2) Estimated figures.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

July 1966

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	29,844	62,640
Deliveries to ultimate customers .....	27,843	54,866
Line pack fluctuations .....	-	- 267
Gas used in system .....	267	475
Metering difference, line losses, cyclical billing adjust- ments and unaccounted for .....	1,734	7,566
Total disposition .....	29,844	62,640
Daily average sendout .....	963	2,021
Revenues .....	(\$ )31,863	(\$ )90,395(1)

(1) Estimated figures.

TABLE 6. Sales of Natural Gas

No.		July 1966			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	2,044	3,135	11,152
2	Quebec .....	82,333	200,322	213,151	684,903
3	Ontario .....	490,510	634,929	1,681,312	2,477,196
4	Manitoba .....	87,766	90,727	226,829	304,503
5	Saskatchewan .....	99,667	103,785	474,148	548,183
6	Alberta .....	228,559	234,174	1,196,916	1,028,716
7	British Columbia .....	148,353	169,336	555,857	878,254(1)
8	Canada .....	1,137,288	1,435,317	4,351,348	5,932,907
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,383	1,794,667	782,180
11	Ontario .....		6,723	8,188,353	4,238,531
12	Manitoba .....		280	686,762	216,605
13	Saskatchewan .....		559	2,325,834	587,848
14	Alberta .....		680	6,944,986	1,289,062
15	British Columbia .....		256	2,663,832	1,118,809(1)
16	Canada .....		10,881	22,604,434	8,233,035
17	Firm .....		10,376	16,369,950	5,900,687
18	Interruptible .....		505	6,234,484	2,332,348
	Commercial:				
19	New Brunswick .....		52	1,106	2,546
20	Quebec .....		9,717	112,494	177,984
21	Ontario .....		53,325	1,108,161	1,160,445
22	Manitoba .....		8,029	172,367	141,673
23	Saskatchewan .....		13,704	149,828	132,851
24	Alberta .....		26,291	1,135,040	495,522
25	British Columbia .....		22,041	466,710	574,053(1)
26	Canada .....		133,159	3,145,706	2,685,074
	Total sales:				
27	New Brunswick .....		2,096	4,241	13,698
28	Quebec .....		212,422	2,120,312	1,645,067
29	Ontario .....		694,977	10,977,826	7,876,172
30	Manitoba .....		99,036	1,085,958	662,781
31	Saskatchewan .....		118,048	2,949,810	1,268,882
32	Alberta .....		261,145	9,276,942	2,813,300
33	British Columbia .....		191,633	3,686,399	2,571,116
34	Canada .....		1,579,357	30,101,488	16,851,016

(1) Estimated figures.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		July 1966		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue(1)
		No.	Mcf.	\$
1	Domestic .....	13,834	28,785	49,481
2	Industrial .....	37	408	420
3	Commercial .....	2,403	25,673	40,494
4	Totals .....	16,274	54,866	90,395

(1) Estimated figures.



TABLE 6. Sales of Natural Gas

July 1966		July 1965 <sup>r</sup>				No.
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.53	3.56	100	2,252	3,725	12,742	1
1.06	3.21	79,441	203,842	186,968	699,468	2
2.65	1.47	463,595	612,440	1,620,746	2,378,710	3
2.50	1.34	78,630	81,860	212,765	280,412	4
4.57	1.16	87,574	95,116	433,107	498,348	5
5.11	0.86	221,408	227,348	1,372,706	1,079,300	6
3.28	1.58	136,037	157,706	381,311	762,709	7
3.03	1.36	1,066,785	1,380,564	4,211,328	5,711,689	8
-	-	-	-	-	-	9
753	0.44	-	2,230	1,842,304	798,073	10
1,218	0.52	-	6,437	7,978,725	4,057,856	11
2,453	0.32	-	252	487,198	163,453	12
4,161	0.25	-	543	2,289,169	501,720	13
10,213	0.19	-	708	6,546,745	1,191,334	14
10,406	0.42	-	834	2,550,433	941,405	15
2,077	0.36	-	11,004	21,694,574	7,653,841	16
1,578	0.36	-	10,556	16,976,260	5,899,527	17
12,346	0.37	-	448	4,718,314	1,754,314	18
21.3	2.30	-	-	-	-	19
11.6	1.58	-	9,155	117,823	189,648	20
20.8	1.05	-	49,542	1,084,729	1,107,259	21
21.5	0.82	-	7,232	157,197	127,127	22
10.9	0.89	-	12,222	209,548	149,363	23
43.2	0.44	-	25,075	1,065,900	451,898	24
21.2	1.23	-	20,037	202,512	268,118	25
23.6	0.85	-	123,263	2,837,709	2,293,413	26
2.0	3.23	-	2,252	3,725	12,742	27
10.0	0.78	-	215,227	2,147,095	1,687,189	28
15.8	0.72	-	668,419	10,684,200	7,543,825	29
11.0	0.61	-	89,344	857,160	570,992	30
25.0	0.43	-	107,881	2,931,824	1,149,431	31
35.5	0.30	-	253,131	8,985,351	2,722,532	32
19.2	0.70	-	178,577	3,134,256	1,972,232	33
19.1	0.56	-	1,514,831	28,743,611	15,658,943	34

<sup>r</sup> Revised figures.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

July 1966				No.
Manufactured gas				
Customers No.	Gas sold Mcf.	Revenue \$		
2,123	3,269	11,619	1	
27	13,316	7,009	2	
586	11,258	13,235	3	
2,736	27,843	31,863	4	

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	July 1966			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	3,207	-	1,131	4,338
Quebec .....	216,539	1,822,709	114,277	2,153,525
Ontario .....	1,701,050	8,288,044	1,121,692	11,110,786
Manitoba .....	230,055	696,002	174,948	1,101,005
Saskatchewan .....	476,722	2,338,462	150,642	2,965,826
Alberta .....	1,308,706	7,484,226	1,246,507	10,039,439
British Columbia .....	598,119	2,857,232	502,430	3,957,781
Canada .....	4,534,398	23,486,675	3,311,627	31,332,700

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	July 1966						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	15,659	177,678	6,366,059	2,357,216	26,221,594	35,138,206	257,182,351
Imports .....	-	3,968,827	-	2,108	-	3,970,935	25,033,976

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	July 1966	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	41,102	13,800

TABLE 11. Exports and Imports to and from the United States

July 1966

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	15,397	-
Ontario - Cornwall .....	175,398	-
Niagara Falls .....	-	2,105,079
Ojibway .....	-	1,842,709
Total Ontario .....	175,398	3,947,788
Manitoba - Emerson .....	6,259,645	-
Alberta - Aden .....	1,444,563	-
Carway .....	950,917	-
Coutts .....	64	2,108
Total Alberta .....	2,395,544	2,108
British Columbia - Kingsgate - U.S.A. District V South(1)	14,134,218	-
Other U.S.A. ....	2,759,442	-
Huntingdon .....	8,049,476	-
Total British Columbia .....	24,943,136	-
Canada - 1966 .....	33,789,120	3,949,896
1965 .....	30,910,360	1,395,725
Year to date - 1966 .....	247,571,763	24,861,493
1965 .....	234,029,316	6,155,033
Value - 1966 .....	8,594,969	1,731,256
1965 .....	8,226,716	538,000

(1) California, Nevada, Arizona.



CATALOGUE No.

55-002

MONTHLY

# CANADA (DOMINION) BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 8, No. 8

Price: 20 cents, \$2.00 a year

## GAS UTILITIES (Transport and Distribution Systems)

AUGUST 1966

During August 1966 field gathering systems and processing plants delivered to gas utilities 78,566,675 Mcf. of natural gas. The transport systems accounted for 61,955,479 Mcf. and the distribution systems 16,611,196 Mcf. Natural gas recovered from storage was 402,329 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over Aug. 1965	Revenue \$'000	% of total revenue
Ultimate customers .....	32,580	38.9	13.2	17,409	67.5
Exports .....	33,297	39.7	3.8	8,386	32.5
Losses, deliveries to storage, cyclical billing adjustments, etc. ....	17,966	21.4	...	...	...
Totals .....	83,843	100.0	11.2	25,795	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas amounted to 61.3 billion commodity (Mcf) miles (1,399 million ton miles) during August 1966 compared with 58.2 billion (1,328 million ton miles) last year. The daily average deliveries of gas utilities amounted to 2.5 million Mcf.

Alberta natural gas utilities receipts totalled 64.3 billion cubic feet; of this 14.9 per cent was sold to ultimate customers in Alberta, 8.8 per cent in Ontario, 1.7 per cent in Saskatchewan, 3.5 per cent in Quebec, 0.4 per cent in Manitoba and 1.5 per cent in British Columbia. Exports accounted for 42.0 per cent while the remaining 27.2 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 gas received from storage is considered as having originated in the province where the storage is located and gas delivered to storage as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during August 1966 compared to the same month for the previous year. Details are contained in the following table.

Sales category	Sales '000 Mcf.	% of total sales	% increase over Aug. 1965	Revenue \$'000	% of sales revenue	Number of customers '000
Residential .....	3,735	11.5	4.0	5,320	30.6	1,433
Industrial .....	25,670	78.8	13.3	9,409	54.0	11
Commercial .....	3,175	9.7	25.0	2,680	15.4	133
Totals .....	32,580	100.0	13.2	17,409	100.0	1,577

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Industry Division

November 1966  
6503-509

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa



TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

August 1966

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	6,375	-	871,220
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	6,375	-	871,220
4	Imports .....	-	-	4,868,086
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	6,375	-	5,739,306
7	Received from storage .....	-	-	359,443
9	Total supply of gas utilities (6 + 7) .....	6,375	-	6,098,749
	Transfers from:			
11	Other provinces .....	-	2,395,556	21,933,476
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	2,371,198	28,339,222
19	Total gross receipts (9 + 11 + 12 + 13) ...	6,375	4,766,754	56,371,447
	<u>Disposition</u>			
	Sales:			
20	Residential .....	2,502	230,151	1,398,571
21	Industrial .....	-	1,926,857	8,655,503
22	Commercial .....	994	119,363	1,289,163
30	Total sales (20 + 21 + 22) .....	3,496	2,276,371	11,343,237
31	Exports .....	-	16,837	177,828
32	Other deliveries .....	-	-	27
33	Total net deliveries (30 + 31 + 32) .....	3,496	2,293,208	11,521,092
34	Delivered to storage .....	-	-	11,155,765
35	Line pack fluctuation .....	-	7,473	- 31,506
36	Gas used in system .....	6	8,528	1,990,128
37	Line losses and unaccounted for .....	2,873	86,347	1,001,190
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,375	2,395,556	25,636,669
	Transfers to:			
40	Other provinces .....	-	-	2,395,556
41	Distribution by transport (primary) .....	-	2,371,198	20,516,042
42	Other gas utilities .....	-	-	7,823,180
49	Total disposition (39 + 40 + 41 + 42) .....	6,375	4,766,754	56,371,447

(1) Includes peak shaving and enrichment.

... Not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

August 1966

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	August 1965 <sup>r</sup>	No.
					Canada	
Mcf.						
-	-	4,319,370	70,687	4,390,057	6,797,399	1a
-	-	47,225,050	10,340,372	57,565,422	54,322,935	1b
-	1,306,624	4,452,949	-	6,637,168	3,694,485	2a
-	1,622,720	8,323,761	27,547	9,974,028	9,117,266	2b
-	2,929,344	64,321,130	10,438,606	78,566,675	73,932,085	3
-	-	2,729	-	4,870,815	1,388,578	4
3,143	-	-	-	3,143	762	5
3,143	2,929,344	64,323,859	10,438,606	83,440,633	75,321,425	6
-	29,543	13,343	-	402,329	60,644	7
3,143	2,958,887	64,337,202	10,438,606	83,842,962	75,382,069	9
30,001,584	30,913,295	3,621	19,341,727	...	...	11
-	1,521,895	1,583,430	-	3,105,325	632,003	12
1,280,004	1,531,668	3,299,722	5,145,312	41,967,126	35,717,237	13
31,284,731	36,925,745	69,223,975	34,925,645	128,915,413	111,731,309	19
201,516	335,481	1,057,153	509,458	3,734,832	3,590,850	20
893,591	2,526,232	7,468,308	4,199,895	25,670,386	22,650,272	21
149,246	188,816	1,055,889	371,904	3,175,375	2,541,289	22
1,244,353	3,050,529	9,581,350	5,081,257	32,580,593	28,782,411	30
6,303,112	-	2,377,962	24,421,517	33,297,256	32,083,107	31
-	-	216,882	-	216,909	185,302	32
7,547,465	3,050,529	12,176,194	29,502,774	66,094,758	61,050,820	33
-	807	809,988	-	11,966,560	8,734,870	34
- 19,290	- 122,604	- 138,062	- 173,148	- 477,137	85,770	35
460,258	831,254	321,330	326,068	3,937,572	3,388,473	36
82,818	106,991	916,351	124,639	2,321,209	2,122,136	37
8,071,251	3,866,977	14,085,801	29,780,333	83,842,962	75,382,069	39
21,933,476	30,005,205	50,255,022	-	...	...	40
1,280,004	1,531,668	478,685	5,061,950	31,239,547	25,689,117	41
-	1,521,895	4,404,467	83,362	13,832,904	10,660,123	42
31,284,731	36,925,745	69,223,975	34,925,645	128,915,413	111,731,309	49

<sup>r</sup> Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	10,462,945	9,199,677	8,796,207	6,940,111	7,397,472
1b	Processing plants .....	73,537,156	64,527,919	69,172,869	63,325,361	61,744,553
2	By distribution systems:					
2a	Fields .....	15,425,563	10,866,000	11,156,653	9,455,473	6,231,761
2b	Processing plants .....	12,687,509	10,993,992	11,315,242	10,441,356	9,991,217
3	Total (1 + 2) .....	112,113,173	95,587,588	100,440,971	90,162,301	85,365,003
4	Imports .....	3,219,680	2,861,093	3,041,015	3,917,293	4,011,532
5	Other receipts(1) .....	2,357	- 564	1,001	- 1,960	- 313
6	Total net receipts (3 + 4 + 5) .....	115,335,210	98,448,117	103,482,987	94,077,634	89,376,222
7	Received from storage .....	9,757,678	6,568,074	3,027,128	1,037,720	288,631
9	Total supply of gas utilities (6 + 7) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,664,853
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	1,239,865	667,774	614,077	552,919	1,004,321
13	Other gas utilities .....	58,643,485	49,635,064	51,555,605	45,708,482	43,666,084
19	Total gross receipts (9 + 11 + 12 + 13) ...	184,976,238	155,319,029	158,679,797	141,376,755	134,335,258
	<u>Disposition</u>					
	Sales:					
20	Residential .....	30,900,098	30,127,488	24,823,276	19,927,158	14,299,351
21	Industrial .....	26,694,952	25,119,783	28,100,115	26,663,822	26,766,715
22	Commercial .....	16,511,102	15,985,229	13,556,267	11,151,731	8,688,712
30	Total sales (20 + 21 + 22) .....	74,106,152	71,232,500	66,479,658	57,742,711	49,754,778
31	Exports .....	38,644,552	34,761,484	38,020,917	34,604,102	34,965,898
32	Other deliveries .....	258,781	266,370	265,730	230,378	182,508
33	Total net deliveries (30 + 31 + 32) .....	113,009,485	106,260,354	104,766,305	92,577,191	84,903,184
34	Delivered to storage .....	419,697	813,407	- 197,114	2,974,437	6,112,931
35	Line pack fluctuation .....	96,608	- 62,730	61,210	- 158,166	- 52,916
36	Gas used in system .....	4,998,364	4,409,579	4,441,104	4,082,791	4,208,036
37	Line losses and unaccounted for .....	6,568,734	- 6,404,419	- 2,561,390	- 4,360,899	- 5,506,382
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,664,853
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	43,778,424	37,511,726	39,030,411	35,065,430	33,292,332
42	Other gas utilities .....	16,104,926	12,791,112	13,139,271	11,195,971	11,378,073
49	Total disposition (39 + 40 + 41 + 42) .....	184,976,238	155,319,029	158,679,797	141,376,755	134,335,258

(1) Includes peak shaving and enrichment.  
r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

June	July	August	September	October	November	December	Year to date		No.
							1966	1965 <sup>r</sup>	
Mcf.									
5,281,175 56,187,196	4,243,876 57,490,254	4,390,057 57,565,422					56,711,520 503,550,730	63,041,965 462,324,281	1a 1b
6,646,115 9,125,482	6,014,795 9,289,844	6,637,168 9,974,028					72,433,528 83,818,670	57,321,097 82,514,191	2a 2b
77,239,968	77,038,769	78,566,675					716,514,448	665,201,534	3
3,860,984 5,664	3,949,896 639	4,870,815 3,143					29,732,308 9,967	7,543,611 359,029	4 5
81,106,616	80,989,304	83,440,633					746,256,723	673,104,174	6
- 86,850	43,835	402,329					21,038,545	25,608,355	7
81,019,766	81,033,139	83,842,962					767,295,268	698,712,529	9
1,992,557 39,477,920	2,784,770 39,366,605	3,105,325 41,967,126					11,961,608 370,020,371	7,159,739 338,577,737	11 12 13
122,490,243	123,184,514	128,915,413					1,149,277,247	1,044,450,005	19
8,053,877 25,648,428 4,911,226	4,351,348 22,604,434 3,145,706	3,734,832 25,670,386 3,175,375					136,217,428 207,268,635 77,125,348	129,917,235 179,797,983 67,692,089	20 21 22
38,613,531	30,101,488	32,580,593					420,611,411	377,407,307	30
32,785,690 175,691	33,789,120 170,419	33,297,256 216,909					280,869,019 1,766,786	266,112,423 1,553,000	31 32
71,574,912	64,061,027	66,094,758					703,247,216	645,072,730	33
10,136,945 - 205,023	13,046,056 227,197	11,966,560 - 477,137					45,272,919 - 570,957	36,057,970 - 97,349	34 35
3,488,423 - 3,975,491	3,719,203 - 20,344	3,937,572 2,321,209					33,285,072 - 13,938,982	29,191,388 - 11,512,210	36 37
81,019,766	81,033,139	83,842,962					767,295,268	698,712,529	39
29,468,374 12,002,103	28,704,303 13,447,072	31,239,547 13,832,904					278,090,547 103,891,432	250,636,977 95,100,499	40 41 42
122,490,243	123,184,514	128,915,413					1,149,277,247	1,044,450,005	49

... Not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

August 1966

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields .....	-	-	-	4,319,370	70,687	...	4,390,057
1b	Processing plants .....	-	-	-	47,225,050	10,340,372	...	57,565,422
2	By distribution systems:							
2a	Fields .....	6,375	871,220	1,306,624	4,452,949	-	...	6,637,168
2b	Processing plants .....	-	-	1,622,720	8,323,761	27,547	...	9,974,028
3	Total (1 + 2) .....	6,375	871,220	2,929,344	64,321,130	10,438,606	...	78,566,675
4	Imports .....	-	-	-	-	-	4,870,815	4,870,815
5	Other receipts (1) .....	-	-	-	3,143	-	...	3,143
6	Total net receipts (3 + 4 + 5) .....	6,375	871,220	2,929,344	64,324,273	10,438,606	4,870,815	83,440,633
7	Received from storage .....	-	359,443	29,543	13,343	-	...	402,329
9	Total supply of gas utilities (6 + 7) .....	6,375	1,230,663	2,958,887	64,337,616	10,438,606	4,870,815	83,842,962
	<u>Disposition</u>							
	Sales:							
23	British Columbia .....	-	-	-	964,068	4,117,189	-	5,081,257
24	Alberta .....	-	-	3,621	9,575,000	-	2,729	9,581,350
25	Saskatchewan .....	-	-	1,954,306	1,096,223	-	-	3,050,529
26	Manitoba .....	-	-	956,907	287,446	-	-	1,244,353
27	Ontario .....	-	831,402	-	5,643,749	-	4,868,086	11,343,237
28	Quebec .....	-	-	-	2,276,371	-	-	2,276,371
29	New Brunswick .....	3,496	-	-	-	-	-	3,496
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	3,496	831,402	2,914,834	19,842,857	4,117,189	4,870,815	32,580,593
31	Exports .....	-	-	-	27,049,464	6,247,792	-	33,297,256
32	Other deliveries .....	-	-	-	216,909	-	-	216,909
33	Total net deliveries (30 + 31 + 32) .....	3,496	831,402	2,914,834	47,109,230	10,364,981	4,870,815	66,094,758
34	Delivered to storage .....	-	-	807	11,965,753	-	-	11,966,560
35	Line pack fluctuation .....	-	-	- 39,014	- 265,965	- 172,158	-	- 477,137
36	Gas used in system .....	6	73,605	68,371	3,548,056	247,534	-	3,937,572
37	Line losses and unaccounted for .....	2,873	325,656	13,889	1,980,542	- 1,751	-	2,321,209
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,375	1,230,663	2,958,887	64,337,616	10,438,606	4,870,815	83,842,962

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.



TABLE 4. Operating Statistics: Natural Gas Utilities

August 1966

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
August 1966:			
Daily average .....	2,081,832	1,050,987	2,518,107
Maximum(1) .....	2,296,605	...	...
Minimum(1) .....	1,754,490	...	...
Exports maximum(1) .....	1,219,588	...	1,219,588
August 1965:			
Daily average .....	1,863,620	928,786	2,251,472
Maximum(1) .....	2,038,982	...	...
Minimum(1) .....	1,605,570	...	...
Year to date 1966:			
Daily average .....	2,300,245	1,730,911	3,080,330
Maximum(1) .....	2,834,533	...	...
Minimum(1) .....	1,691,514	...	...
Commodity miles:			
Mcf. miles (thousands) .....	61,357,531	..	..
Ton-miles (millions) .....	1,399	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,786,458	..	..
End of month (Mcf.) .....	7,363,522	..	..
Operating revenues .....	..	\$17,408,749(2)	..

(1) Non-coincident.

(2) Estimated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

August 1966

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	50,111	64,824
Deliveries to ultimate customers .....	41,070	53,422
Line pack fluctuations .....	-	- 4
Gas used in system .....	4	578
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	9,037	10,828
Total disposition .....	50,111	64,824
Daily average sendout .....	1,616	2,091
Revenues .....	\$29,266	\$88,319(1)

(1) Estimated.

TABLE 6. Sales of Natural Gas

No.		August 1966			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	2,024	2,502	9,129
2	Quebec .....	82,211	200,450	230,151	687,669
3	Ontario .....	486,928	632,573	1,398,571	2,127,228
4	Manitoba .....	88,333	91,271	201,516	284,764
5	Saskatchewan .....	99,025	103,116	335,481	439,234
6	Alberta .....	228,922	234,566	1,057,153	966,922
7	British Columbia .....	148,443	169,367	509,458	804,944(1)
8	Canada .....	1,133,962	1,433,367	3,734,832	5,319,890
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,355	1,926,857	859,246
11	Ontario .....		6,741	8,655,503	4,537,075
12	Manitoba .....		280	893,591	277,743
13	Saskatchewan .....		561	2,526,232	579,052
14	Alberta .....		740	7,468,308	1,392,216
15	British Columbia .....		265	4,199,895	1,763,956(1)
16	Canada .....		10,942	25,670,386	9,409,288
17	Firm .....		10,442	18,427,614	6,633,542
18	Interruptible .....		500	7,242,772	2,775,746
	Commercial:				
19	New Brunswick .....		52	994	2,284
20	Quebec .....		9,583	119,363	183,103
21	Ontario .....		53,211	1,289,163	1,323,587
22	Manitoba .....		8,081	149,246	123,657
23	Saskatchewan .....		13,757	188,816	139,118
24	Alberta .....		25,945	1,055,889	450,380
25	British Columbia .....		22,046	371,904	457,442(1)
26	Canada .....		132,675	3,175,375	2,679,571
	Total sales:				
27	New Brunswick .....		2,076	3,496	11,413
28	Quebec .....		212,388	2,276,371	1,730,018
29	Ontario .....		692,525	11,343,237	7,987,890
30	Manitoba .....		99,632	1,244,353	686,164
31	Saskatchewan .....		117,434	3,050,529	1,157,404
32	Alberta .....		261,251	9,581,350	2,809,518
33	British Columbia .....		191,678	5,081,257	3,026,342
34	Canada .....		1,576,984	32,580,593	17,408,749

(1) Estimated.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		August 1966		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue(1)
		No.	Mcf.	\$
1	Domestic .....	13,667	28,783	49,478
2	Industrial .....	37	511	526
3	Commercial .....	2,443	24,128	38,315
4	Totals .....	16,147	53,422	88,319

(1) Estimated.

TABLE 6. Sales of Natural Gas

August 1966		August 1965 <sup>r</sup>				
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.24	3.65	100	2,232	3,773	12,816	1
1.15	2.99	79,528	204,251	270,190	770,198	2
2.21	1.52	461,729	611,081	1,480,561	2,209,874	3
2.21	1.41	78,825	82,073	180,266	254,335	4
3.25	1.31	88,115	95,706	271,914	383,167	5
4.51	0.91	221,319	227,395	934,910	890,688	6
3.01	1.58	136,797	158,056	449,236	833,403	7
2.61	1.42	1,066,413	1,380,794	3,590,850	5,354,481	8
-	-	-	-	-	-	9
818	0.45	-	2,290	1,790,855	783,186	10
1,284	0.52	-	6,433	8,356,577	4,209,450	11
3,191	0.31	-	254	545,868	182,697	12
4,503	0.23	-	546	2,149,456	482,922	13
10,092	0.19	-	723	7,013,104	1,295,476	14
15,849	0.42	-	858	2,794,412	987,608	15
2,346	0.37	-	11,104	22,650,272	7,941,339	16
1,765	0.36	-	10,654	17,650,568	6,079,920	17
14,486	0.38	-	450	4,999,704	1,861,419	18
19.1	2.30	-	-	-	-	19
12.5	1.53	-	9,475	103,177	163,891	20
24.2	1.03	-	49,178	1,143,092	1,182,930	21
18.5	0.83	-	7,248	136,985	115,122	22
13.7	0.74	-	12,329	142,906	108,805	23
40.7	0.43	-	25,082	832,012	376,451	24
16.9	1.23	-	20,085	183,117	244,745	25
23.9	0.84	-	123,397	2,541,289	2,191,944	26
1.7	3.26	-	2,232	3,773	12,816	27
10.7	0.76	-	216,016	2,164,222	1,717,275	28
16.4	0.70	-	666,692	10,980,230	7,602,254	29
12.5	0.55	-	89,575	863,119	552,154	30
26.0	0.38	-	108,581	2,564,276	974,894	31
36.7	0.29	-	253,200	8,780,026	2,562,615	32
26.5	0.60	-	178,999	3,426,765	2,065,756	33
20.7	0.53	-	1,515,295	28,782,411	15,487,764	34

<sup>F</sup> Revised figures.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

August 1966				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
2,105	2,605	5,953		1
29	28,795	11,951		2
576	9,670	11,362		3
2,710	41,070	29,266		4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	August 1966			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	2,502	-	994	3,496
Quebec .....	234,499	1,962,458	121,609	2,318,566
Ontario .....	1,417,574	8,774,070	1,306,302	11,497,946
Manitoba .....	204,124	904,623	151,406	1,260,153
Saskatchewan .....	337,302	2,539,948	189,841	3,067,091
Alberta .....	1,152,582	8,018,213	1,158,404	10,329,199
British Columbia .....	546,259	4,498,134	398,448	5,442,841
Canada .....	3,894,842	26,697,446	3,327,004	33,919,292

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	August 1966						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	17,022	180,495	6,372,446	2,330,403	25,833,197	34,733,563	291,915,914
Imports .....	-	4,927,266	-	2,729	-	4,929,995	29,963,971

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	August 1966	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	40,270	20,990

TABLE 11. Exports and Imports to and from the United States

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	16,837	-
Ontario - Cornwall .....	177,828	-
Niagara Falls .....	-	3,046,731
Ojibway .....	-	1,821,355
Total Ontario .....	177,828	4,868,086
Manitoba - Emerson .....	6,303,112	-
Alberta - Aden .....	1,433,594	-
Carway .....	944,363	-
Coutts .....	5	2,729
Total Alberta .....	2,377,962	2,729
British Columbia - Kingsgate - U.S.A. District V South(1)	13,992,091	-
Other U.S.A. ....	2,770,742	-
Huntingdon .....	7,658,684	-
Total British Columbia .....	24,421,517	-
Canada - 1966 .....	33,297,256	4,870,815
1965 .....	32,083,107	1,388,578
Year to date - 1966 .....	280,869,019	29,732,308
1965 .....	266,112,423	7,543,611
Value - 1966 .....	8,385,721	2,188,169
1965 .....	8,281,607	532,000

(1) California, Nevada, Arizona.





## CATALOGUE No.

55-002

MONTHLY

CANADA  
(DOMINION) BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 8, No. 9

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

SEPTEMBER 1966

During September 1966 field gathering systems and processing plants delivered to gas utilities 78,002,130 Mcf. of natural gas. The transport systems accounted for 60,491,635 Mcf. and the distribution systems 17,510,495 Mcf. Natural gas recovered from storage was 73,157 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume	% of total supply	% increase over Sept. 1965	Revenue	% of total revenue
	'000 Mcf.			\$'000	
Ultimate customers .....	37,052	44.9	4.9	20,697	71.9
Exports .....	31,229	37.9	- 0.2	8,098	28.1
Losses, deliveries to storage, cyclical billing adjustments .....	14,167	17.2	...	...	...
Totals .....	82,448	100.0	1.3	28,795	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas amounted to 59.0 billion commodity (Mcf) miles (1,345 million ton miles) during September 1966 compared with 58.1 billion (1,325 million ton miles) last year. The daily average deliveries of gas utilities amounted to 2.5 million Mcf.

Alberta natural gas utilities receipts totalled 62.2 billion cubic feet; of this 16.3 per cent was sold to ultimate customers in Alberta, 14.6 per cent in Ontario, 2.0 per cent in Saskatchewan, 4.2 per cent in Quebec, 0.5 per cent in Manitoba and 1.5 per cent in British Columbia. Exports accounted for 39.7 per cent while the remaining 21.2 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 gas received from storage is considered as having originated in the province where the storage is located and gas delivered to storage as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during September 1966 compared to the same month for the previous year. Details are contained in the following table.

Sales category	Sales	% of total sales	% increase over Sept. 1965	Revenue	% of sales revenue	Number of customers
	'000 Mcf.			\$'000		'000
Residential .....	5,205	14.0	- 12.8	6,816	32.9	1,437
Industrial .....	27,417	74.0	10.5	10,225	49.4	11
Commercial .....	4,430	12.0	- 2.2	3,656	17.7	133
Totals .....	37,052	100.0	4.9	20,697	100.0	1,581

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Industry Division

December 1966  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1966

No.		New Brunswick	Mcf.	
			Quebec	Ontario
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	6,543	-	799,545
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	6,543	-	799,545
4	Imports .....	-	-	4,367,493
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	6,543	-	5,167,038
7	Received from storage .....	-	-	57,325
9	Total supply of gas utilities (6 + 7) .....	6,543	-	5,224,363
	Transfers from:			
11	Other provinces .....	-	2,707,823	20,867,631
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	2,682,906	26,099,198
19	Total gross receipts (9 + 11 + 12 + 13) ...	6,543	5,390,729	52,191,192
	<u>Disposition</u>			
	Sales:			
20	Residential .....	2,757	389,664	2,025,956
21	Industrial .....	-	2,068,310	9,825,300
22	Commercial .....	1,109	136,958	2,169,125
30	Total sales (20 + 21 + 22) .....	3,866	2,594,932	14,020,381
31	Exports .....	-	22,544	209,810
32	Other deliveries .....	-	-	123
33	Total net deliveries (30 + 31 + 32) .....	3,866	2,617,476	14,230,314
34	Delivered to storage .....	-	-	6,191,202
35	Line pack fluctuation .....	-	2,236	8,205
36	Gas used in system .....	39	1,121	1,779,664
37	Line losses and unaccounted for .....	2,638	86,990	1,174,786
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,543	2,707,823	23,384,171
	Transfers to:			
40	Other provinces .....	-	-	2,707,823
41	Distribution by transport (primary) .....	-	2,682,906	18,774,543
42	Other gas utilities .....	-	-	7,324,655
49	Total disposition (39 + 40 + 41 + 42) .....	6,543	5,390,729	52,191,192

(1) Includes peak shaving and enrichment.

... Not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1966

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	September 1965*	No.
					Canada	
Mcf.						
-	-	4,764,170	276,391	5,040,561	5,651,737	1a
-	-	43,816,314	11,634,760	55,451,074	57,570,040	1b
-	1,505,298	5,246,521	-	7,557,907	6,039,431	2a
-	1,543,686	8,372,266	36,636	9,952,588	10,391,111	2b
-	3,048,984	62,199,271	11,947,787	78,002,130	79,652,319	3
-	-	3,568	-	4,371,061	1,564,301	4
1,616	-	-	-	1,616	484	5
1,616	3,048,984	62,202,839	11,947,787	82,374,807	81,217,104	6
-	6,842	8,990	-	73,157	139,037	7
1,616	3,055,826	62,211,829	11,947,787	82,447,964	81,356,141	9
28,356,690	29,448,226	465	17,617,483	-	-	11
-	1,761,952	1,830,381	-	3,592,333	328,477	12
1,535,428	1,881,322	2,931,610	6,051,090	41,181,554	37,201,126	13
29,893,734	36,147,326	66,974,285	35,616,360	127,221,851	118,885,744	19
281,290	397,652	1,438,483	669,649	5,205,451	5,969,173	20
759,115	2,476,665	7,437,357	4,849,767	27,416,514	24,816,812	21
202,714	229,613	1,256,658	433,568	4,429,745	4,529,503	22
1,243,119	3,103,930	10,132,498	5,952,984	37,051,710	35,315,488	30
5,492,191	-	2,506,110	22,998,363	31,229,018	31,294,834	31
-	-	189,665	-	189,788	193,492	32
6,735,310	3,103,930	12,828,273	28,951,347	68,470,516	66,803,814	33
-	1,908	972,207	-	7,165,317	5,834,294	34
1,950	30,027	184,588	98,143	325,149	273,807	35
421,898	747,668	341,611	409,219	3,701,220	3,372,711	36
331,517	263,364	819,906	106,561	2,785,762	5,071,515	37
7,490,675	4,146,897	15,146,585	29,565,270	82,447,964	81,356,141	39
20,867,631	28,357,155	47,065,709	-	-	-	40
1,535,428	1,881,322	527,827	5,951,106	31,353,132	27,938,685	41
-	1,761,952	4,234,164	99,984	13,420,755	9,590,918	42
29,893,734	36,147,326	66,974,285	35,616,360	127,221,851	118,885,744	49

\* Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	10,462,945	9,199,677	8,796,207	6,940,111	7,397,472
1b	Processing plants .....	73,537,156	64,527,919	69,172,869	63,325,361	61,744,553
2	By distribution systems:					
2a	Fields .....	15,425,563	10,866,000	11,156,653	9,455,473	6,231,761
2b	Processing plants .....	12,687,509	10,993,992	11,315,242	10,441,356	9,991,217
3	Total (1 + 2) .....	112,113,173	95,587,588	100,440,971	90,162,301	85,365,003
4	Imports .....	3,219,680	2,861,093	3,041,015	3,917,293	4,011,532
5	Other receipts(1) .....	2,357	- 564	1,001	- 1,960	- 313
6	Total net receipts (3 + 4 + 5) .....	115,335,210	98,448,117	103,482,987	94,077,634	89,376,222
7	Received from storage .....	9,757,678	6,568,074	3,027,128	1,037,720	288,631
9	Total supply of gas utilities (6 + 7) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,664,853
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	1,239,865	667,774	614,077	552,919	1,004,321
13	Other gas utilities .....	58,643,485	49,635,064	51,555,605	45,708,482	43,666,084
19	Total gross receipts (9 + 11 + 12 + 13) ...	184,976,238	155,319,029	158,679,797	141,376,755	134,335,258
	<u>Disposition</u>					
	Sales:					
20	Residential .....	30,900,098	30,127,488	24,823,276	19,927,158	14,299,351
21	Industrial .....	26,694,952	25,119,783	28,100,115	26,663,822	26,766,715
22	Commercial .....	16,511,102	15,985,229	13,556,267	11,151,731	8,688,712
30	Total sales (20 + 21 + 22) .....	74,106,152	71,232,500	66,479,658	57,742,711	49,754,778
31	Exports .....	38,644,552	34,761,484	38,020,917	34,604,102	34,965,898
32	Other deliveries .....	258,781	266,370	265,730	230,378	182,508
33	Total net deliveries (30 + 31 + 32) .....	113,009,485	106,260,354	104,766,305	92,577,191	84,903,184
34	Delivered to storage .....	419,697	813,407	- 197,114	2,974,437	6,112,931
35	Line pack fluctuation .....	96,608	- 62,730	61,210	- 158,166	- 52,916
36	Gas used in system .....	4,998,364	4,409,579	4,441,104	4,082,791	4,208,036
37	Line losses and unaccounted for .....	6,568,734	- 6,404,419	- 2,561,390	- 4,360,899	- 5,506,382
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,664,853
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	43,778,424	37,511,726	39,030,411	35,065,430	33,292,332
42	Other gas utilities .....	16,104,926	12,791,112	13,139,271	11,195,971	11,378,073
49	Total disposition (39 + 40 + 41 + 42) .....	184,976,238	155,319,029	158,679,797	141,376,755	134,335,258

(1) Includes peak shaving and enrichment.

r Revised figures.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

June	July	August	September	October	November	December	Year to date		No.
							1966	1965 <sup>F</sup>	
Mcf.									
5,281,175 56,187,196	4,243,876 57,490,254	4,390,057 57,565,422	5,040,561 55,451,074				61,752,081 559,001,804	68,693,702 519,894,321	1 1b
6,646,115 9,125,482	6,014,795 9,289,844	6,637,168 9,974,028	7,557,907 9,952,588				79,991,435 93,771,258	63,360,528 92,905,302	2a 2b
77,239,968	77,038,769	78,566,675	78,002,130				794,516,578	744,853,853	3
3,860,984 5,664	3,949,896 639	4,870,815 3,143	4,371,061 1,616				34,103,369 11,583	9,107,912 359,513	4 5
81,106,616	80,989,304	83,440,633	82,374,807				828,631,530	754,321,278	6
- 86,850	43,835	402,329	73,157				21,111,702	25,747,392	7
81,019,766	81,033,139	83,842,962	82,447,964				849,743,232	780,068,670	9
...	...	...	...				...	...	11
1,992,557 39,477,920	2,784,770 39,366,605	3,105,325 41,967,126	3,592,333 41,181,554				15,553,941 411,201,925	7,488,216 375,778,863	12 13
122,490,243	123,184,514	128,915,413	127,221,851				1,276,499,098	1,163,335,749	19
8,053,877 25,648,428 4,911,226	4,351,348 22,604,434 3,145,706	3,734,832 25,670,386 3,175,375	5,205,451 27,416,514 4,429,745				141,422,879 234,685,149 81,555,093	135,886,408 204,614,795 72,221,592	20 21 22
38,613,531	30,101,488	32,580,593	37,051,710				457,663,121	412,722,795	30
32,785,690 175,691	33,789,120 170,419	33,297,256 216,909	31,229,018 189,788				312,098,037 1,956,574	297,407,257 1,746,492	31 32
71,574,912	64,061,027	66,094,758	68,470,516				771,717,732	711,876,544	33
10,136,945 - 205,023	13,046,056 227,197	11,966,560 - 477,137	7,165,317 325,149				52,438,236 - 245,808	41,892,264 176,458	34 35
3,488,423 - 3,975,491	3,719,203 - 20,344	3,937,572 2,321,209	3,701,220 2,785,762				36,986,292 - 11,153,220	32,564,099 - 6,440,695	36 37
81,019,766	81,033,139	83,842,962	82,447,964				849,743,232	780,068,670	39
...	...	...	...				...	...	40
29,468,374 12,002,103	28,704,303 13,447,072	31,239,547 13,832,904	31,353,132 13,420,755				309,443,679 117,312,187	278,575,662 104,691,417	41 42
122,490,243	123,184,514	128,915,413	127,221,851				1,276,499,098	1,163,335,749	49

... Not appropriate or not applicable.



TABLE 4. Operating Statistics: Natural Gas Utilities

September 1966

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
September 1966:			
Daily average .....	2,086,072	1,235,057	2,521,194
Maximum(1) .....	2,351,530	...	...
Minimum(1) .....	1,257,664	...	...
Exports maximum(1) .....	1,223,177	...	1,223,177
September 1965:			
Daily average .....	1,974,445	1,177,183	2,421,265
Maximum(1) .....	2,219,478	...	...
Minimum(1) .....	1,446,100	...	...
Year to date 1966:			
Daily average .....	2,276,710	1,676,422	3,018,886
Maximum(1) .....	2,834,533	...	...
Minimum(1) .....	1,257,664	...	...
Commodity miles:			
Mcf. miles (thousands) .....	58,978,718	..	..
Ton-miles (millions) .....	1,345	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,363,522	..	..
End of month (Mcf.) .....	7,661,709	..	..
Operating revenues .....	..	\$20,697,482(2)	..

(1) Non-coincident.

(2) Estimated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

September 1966

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	60,090	73,421
Deliveries to ultimate customers .....	58,986	61,228
Line pack fluctuations .....	-	- 600
Gas used in system .....	600	795
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	504	11,998
Total disposition .....	60,090	73,421
Daily average sendout .....	2,003	2,447
Revenues .....	\$29,176	\$99,844(1)

(1) Estimated.

TABLE 6. Sales of Natural Gas

No.		September 1966			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	2,015	2,757	9,427
2	Quebec .....	82,462	200,715	389,664	887,281
3	Ontario .....	489,999	635,915	2,025,956	2,891,644
4	Manitoba .....	88,866	91,766	281,290	361,724
5	Saskatchewan .....	96,981	100,987	397,652	487,952
6	Alberta .....	229,916	235,575	1,438,483	1,122,371
7	British Columbia .....	149,485	170,480	669,649	1,056,036(1)
8	Canada .....	1,137,809	1,437,453	5,205,451	6,816,435
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,345	2,068,310	922,969
11	Ontario .....		6,781	9,825,300	5,063,734
12	Manitoba .....		280	759,115	235,510
13	Saskatchewan .....		559	2,476,665	607,444
14	Alberta .....		747	7,437,357	1,367,832
15	British Columbia .....		268	4,849,767	2,027,203(1)
16	Canada .....		10,980	27,416,514	10,224,692
17	Firm .....		10,467	21,264,607	7,812,523
18	Interruptible .....		513	6,151,907	2,412,169
	Commercial:				
19	New Brunswick .....	53		1,109	2,506
20	Quebec .....	9,567		136,958	205,020
21	Ontario .....	53,328		2,169,125	2,055,987
22	Manitoba .....	8,089		202,714	162,690
23	Saskatchewan .....	13,519		229,613	157,283
24	Alberta .....	26,021		1,256,658	540,014
25	British Columbia .....	22,146		433,568	532,855(1)
26	Canada .....		132,723	4,429,745	3,656,355
	Total sales:				
27	New Brunswick .....		2,068	3,866	11,933
28	Quebec .....		212,627	2,594,932	2,015,270
29	Ontario .....		696,024	14,020,381	10,011,365
30	Manitoba .....		100,135	1,243,119	759,924
31	Saskatchewan .....		115,065	3,103,930	1,252,679
32	Alberta .....		262,343	10,132,498	3,030,217
33	British Columbia .....		192,894	5,952,984	3,616,094
34	Canada .....		1,581,156	37,051,710	20,697,482

(1) Estimated.

... Figures not appropriate or not applicable.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		September 1966		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue(1)
		No.	Mcf.	\$
1	Domestic .....	13,728	31,249	53,717
2	Industrial .....	52	2,653	2,733
3	Commercial .....	2,459	27,326	43,394
4	Totals .....	16,239	61,228	99,844

(1) Estimated.

TABLE 6. Sales of Natural Gas

September 1966		September 1965				
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.37	3.42	100	2,216	3,773	12,816	1
1.94	2.28	79,641	204,396	334,507	921,285	2
3.19	1.43	465,728	613,614	2,019,881	2,883,231	3
3.07	1.29	79,826	83,076	440,734	473,286	4
3.94	1.23	90,744	90,744	444,732	484,939	5
6.11	0.78	222,490	228,482	1,929,220	1,302,497	6
3.93	1.58	138,029	159,650	796,326	1,265,344	7
3.62	1.31	1,076,558	1,382,178	5,969,173	7,343,398	8
-	-	-	-	-	-	9
882	0.45		2,319	1,975,074	878,829	10
1,449	0.52		6,512	8,786,995	4,548,744	11
2,711	0.31		259	1,116,520	313,179	12
4,431	0.25		542	2,328,718	496,654	13
9,956	0.18		746	7,203,821	1,323,763	14
18,096	0.42		865	3,405,684	1,133,792	15
2,497	0.49		11,243	24,816,812	8,694,961	16
2,032	0.37		10,790	19,428,078	6,721,448	17
11,992	0.39		453	5,388,734	1,973,513	18
20.9	2.26		-	-	-	19
14.3	1.50		9,547	129,994	173,175	20
40.7	0.95		49,894	1,912,348	1,840,292	21
25.1	0.80		7,305	308,367	233,873	22
17.0	0.68		12,275	195,858	145,812	23
48.3	0.43		25,238	1,740,936	705,896	24
19.6	1.23		20,308	242,000	304,921	25
33.4	0.83		124,567	4,529,503	3,403,969	26
1.9	3.09		2,216	3,773	12,816	27
12.2	0.78		216,262	2,439,575	1,973,289	28
20.1	0.71		670,020	12,719,224	9,272,267	29
12.4	0.61		90,640	1,865,621	1,020,338	30
27.0	0.40		103,561	2,969,308	1,127,405	31
38.6	0.30		254,466	10,873,977	3,332,156	32
30.9	0.61		180,823	4,444,010	2,704,057	33
23.4	0.56		1,517,988	35,315,488	19,442,328	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

September 1966				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
2,050	7,167	12,601		1
29	39,059	2,248		2
576	12,760	14,327		3
2,655	58,986	29,176		4



TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	September 1966			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	2,757	-	1,109	3,866
Quebec .....	392,772	2,084,589	138,048	2,615,409
Ontario .....	2,038,340	9,884,348	2,180,934	14,103,622
Manitoba .....	283,562	764,807	204,930	1,253,299
Saskatchewan .....	399,811	2,490,112	230,859	3,120,782
Alberta .....	1,559,581	8,002,718	1,370,323	10,932,622
British Columbia .....	714,411	5,174,684	462,168	6,351,263
Canada .....	5,391,234	28,401,258	4,588,371	38,380,863

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	September 1966						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	22,657	211,279	5,519,652	2,478,543	24,363,620	32,595,751	324,511,665
Imports .....	-	4,405,265	-	3,568	-	4,408,833	34,372,804

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	September 1966	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	48,089	29,583

TABLE 11. Exports and Imports to and from the United States

September 1966

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	22,544	-
Ontario - Cornwall .....	209,810	-
Niagara Falls .....	-	2,582,114
Ojibway .....	-	1,785,379
Total Ontario .....	209,810	4,367,493
Manitoba - Emerson .....	5,492,191	-
Alberta - Aden .....	1,595,050	-
Carway .....	911,029	-
Coutts .....	31	3,568
Total Alberta .....	2,506,110	3,568
British Columbia - Kingsgate - U.S.A. District V South(1)	12,829,533	-
Other U.S.A. ....	2,543,122	-
Huntingdon .....	7,625,708	-
Total British Columbia .....	22,998,363	-
Canada - 1966 .....	31,229,018	4,371,061
1965 .....	31,294,679	1,564,301
Year to date - 1966 .....	312,098,037	34,103,369
1965 .....	297,407,102	9,107,912
Value - 1966 .....	8,097,889	1,949,418
1965 .....	8,196,305	599,000

(1) California, Nevada, Arizona.



CATALOGUE No.

55-002

MONTHLY

CANADA  
DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 8, No. 10

GAS UTILITIES  
(Transport and Distribution Systems)

OCTOBER 1966

Price: 20 cents, \$2.00 a year

During October 1966 field gathering systems and processing plants delivered to gas utilities 95,480,027 Mcf. of natural gas. The transport systems accounted for 73,828,857 Mcf. and the distribution systems 21,651,170 Mcf. Natural gas imported from the U.S.A. was 2,299,155 Mcf. and the volume recovered from storage was 2,318,866 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume	% of total supply	% increase over Oct. 1965	Revenue	% of total revenue
	'000 Mcf			\$'000	
Ultimate customers .....	46,926	46.9	7.7	29,357	75.9
Exports .....	37,440	37.4	9.4	9,334	24.1
Other uses and adjustments .....	15,734	15.7	...	...	...
Totals .....	100,100	100.0	13.8	38,691	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 66.0 billion commodity (Mcf.) miles (1,505 million ton miles) during October 1966 compared with 63.9 billion (Mcf.) miles (1,457 million ton miles) last year. The daily average deliveries of gas utilities amounted to 2.8 million Mcf.

Alberta natural gas utilities receipts totalled 76.2 billion cubic feet; of this 17.8 per cent was sold to ultimate customers in Alberta, 17.1 per cent in Ontario, 3.4 per cent in Quebec, 4.0 per cent in Saskatchewan, 1.8 per cent in British Columbia and 1.9 per cent in Manitoba. Exports accounted for 38.2 per cent and the remaining 15.7 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during October 1966 compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales	% of total sales	% increase over Oct. 1965	Revenue	% of sales revenue	Number of customers
	'000 Mcf.			\$'000		'000
Residential .....	10,433	22.2	- 5.9	12,691	43.2	1,455
Industrial .....	29,479	62.8	14.1	11,228	38.2	11
Commercial .....	7,014	15.0	5.5	5,438	18.6	135
Totals .....	46,926	100.0	7.7	29,357	100.0	1,601

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Industry Division

January 1967  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1966

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	7,209	-	1,079,162
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	7,209	-	1,079,162
4	Imports .....	-	-	2,290,092
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	7,209	-	3,369,254
7	Received from storage .....	-	-	1,852,150
9	Total supply of gas utilities (6 + 7) .....	7,209	-	5,221,404
	Transfers from:			
11	Other provinces .....	-	2,730,231	21,979,780
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	2,305,917	24,825,405
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,209	5,036,148	52,026,589
	<u>Disposition</u>			
	Sales:			
20	Residential .....	3,049	701,875	4,269,008
21	Industrial .....	-	1,681,483	10,392,399
22	Commercial .....	1,163	213,208	3,039,939
30	Total sales (20 + 21 + 22) .....	4,212	2,596,566	17,701,346
31	Exports .....	-	32,179	271,835
32	Other deliveries .....	-	-	579
33	Total net deliveries (30 + 31 + 32) .....	4,212	2,628,745	17,973,760
34	Delivered to storage .....	-	-	1,494,436
35	Line pack fluctuation .....	-	271	37,655
36	Gas used in system .....	69	5,279	1,864,297
37	Line losses and unaccounted for .....	2,928	95,936	3,100,805
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,209	2,730,231	24,470,953
	Transfers to:			
40	Other provinces .....	-	-	2,730,231
41	Distribution by transport (primary) .....	-	2,305,917	17,571,858
42	Other gas utilities .....	-	-	7,253,547
49	Total disposition (39 + 40 + 41 + 42) .....	7,209	5,036,148	52,026,589

(1) Includes peak shaving and enrichment.

... Not appropriate or not applicable.



TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1966

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	October 1965 <sup>F</sup>	No.
					Canada	
Mcf.						
-	-	6,571,375	584,489	7,155,864	6,439,373	1a
-	-	52,242,128	14,430,865	66,672,993	62,554,440	1b
-	1,534,772	7,240,191	-	9,861,334	7,293,154	2a
-	1,843,608	9,882,892	63,336	11,789,836	9,176,544	2b
-	3,378,380	75,936,586	15,078,690	95,480,027	85,463,511	3
-	-	9,063	-	2,299,155	1,241,378	4
1,745	-	-	-	1,745	2,330	5
1,745	3,378,380	75,945,649	15,078,690	97,780,927	86,707,219	6
-	168,629	298,087	-	2,318,866	1,218,003	7
1,745	3,547,009	76,243,736	15,078,690	100,099,793	87,925,222	9
32,001,887	35,682,686	3,075	21,435,054	***	***	11
-	2,948,898	1,865,736	-	4,814,634	336,721	12
2,947,071	2,254,266	7,070,340	7,771,014	47,174,013	39,944,593	13
34,950,703	44,432,859	85,182,887	44,284,758	152,088,440	128,206,536	19
737,837	783,678	2,401,875	1,535,619	10,432,941	11,082,391	20
890,673	2,405,521	8,982,738	5,126,592	29,479,406	25,845,333	21
533,496	373,880	2,226,218	626,134	7,014,038	6,649,055	22
2,162,006	3,563,079	13,610,831	7,288,345	46,926,385	43,576,779	30
6,381,349	-	2,691,010	28,063,276	37,439,649	34,233,078	31
-	-	236,066	-	236,645	200,381	32
8,543,355	3,563,079	16,537,907	35,351,621	84,602,679	78,010,238	33
-	482,929	- 372,923	-	1,604,442	2,714,203	34
27,565	111,043	17,490	- 49,988	144,036	114,247	35
450,409	848,416	360,402	654,338	4,183,210	3,791,588	36
1,002,523	2,219,266	2,586,195	557,773	9,565,426	3,294,946	37
10,023,852	7,224,733	19,129,071	36,513,744	100,099,793	87,925,222	39
21,979,780	32,004,962	57,117,740	-	***	***	40
2,947,071	2,254,266	3,600,290	7,624,847	36,304,249	30,835,854	41
-	2,948,898	5,335,786	146,167	15,684,398	9,445,460	42
34,950,703	44,432,859	85,182,887	44,284,758	152,088,440	128,206,536	49

<sup>F</sup> Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	10,462,945	9,199,677	8,796,207	6,940,111	7,397,472
1b	Processing plants .....	73,537,156	64,527,919	69,172,869	63,325,361	61,744,553
2	By distribution systems:					
2a	Fields .....	15,425,563	10,866,000	11,156,653	9,455,473	6,231,761
2b	Processing plants .....	12,687,509	10,993,992	11,315,242	10,441,356	9,991,217
3	Total (1 + 2) .....	112,113,173	95,587,588	100,440,971	90,162,301	85,365,003
4	Imports .....	3,219,680	2,861,093	3,041,015	3,917,293	4,011,532
5	Other receipts(1) .....	2,357	- 564	1,001	- 1,960	- 313
6	Total net receipts (3 + 4 + 5) .....	115,335,210	98,448,117	103,482,987	94,077,634	89,376,222
7	Received from storage .....	9,757,678	6,568,074	3,027,128	1,037,720	288,631
9	Total supply of gas utilities (6 + 7) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,664,853
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	1,239,865	667,774	614,077	552,919	1,004,321
13	Other gas utilities .....	58,643,485	49,635,064	51,555,605	45,708,482	43,666,084
19	Total gross receipts (9 + 11 + 12 + 13) ...	184,976,238	155,319,029	158,679,797	141,376,755	134,335,258
	<u>Disposition</u>					
	Sales:					
20	Residential .....	30,900,098	30,127,488	24,823,276	19,927,158	14,299,351
21	Industrial .....	26,694,952	25,119,783	28,100,115	26,663,822	26,766,715
22	Commercial .....	16,511,102	15,985,229	13,556,267	11,151,731	8,688,712
30	Total sales (20 + 21 + 22) .....	74,106,152	71,232,500	66,479,658	57,742,711	49,754,778
31	Exports .....	38,644,552	34,761,484	38,020,917	34,604,102	34,965,898
32	Other deliveries .....	258,781	266,370	265,730	230,378	182,508
33	Total net deliveries (30 + 31 + 32) .....	113,009,485	106,260,354	104,766,305	92,577,191	84,903,184
34	Delivered to storage .....	419,697	813,407	- 197,114	2,974,437	6,112,931
35	Line pack fluctuation .....	96,608	- 62,730	61,210	- 158,166	- 52,916
36	Gas used in system .....	4,998,364	4,409,579	4,441,104	4,082,791	4,208,036
37	Line losses and unaccounted for .....	6,568,734	- 6,404,419	- 2,561,390	- 4,360,899	- 5,506,382
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,664,853
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	43,778,424	37,511,726	39,030,411	35,065,430	33,292,332
42	Other gas utilities .....	16,104,926	12,791,112	13,139,271	11,195,971	11,378,073
49	Total disposition (39 + 40 + 41 + 42) .....	184,976,238	155,319,029	158,679,797	141,376,755	134,335,258

(1) Includes peak shaving and enrichment.

r Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

June	July	August	September	October	November	December	Year to date		No.
							1966	1965 <sup>r</sup>	
Mcf.									
5,281,175 56,187,196	4,243,876 57,490,254	4,390,057 57,565,422	5,040,561 55,451,074	7,155,864 66,672,993			68,907,945 625,674,797	75,133,075 582,448,761	1a 1b
6,646,115 9,125,482	6,014,795 9,289,844	6,637,168 9,974,028	7,557,907 9,952,588	9,861,334 11,789,836			89,852,769 105,561,094	70,653,682 102,081,846	2a 2b
77,239,968	77,038,769	78,566,675	78,002,130	95,480,027			889,996,605	830,317,364	3
3,860,984 5,664	3,949,896 639	4,870,815 3,143	4,371,061 1,616	2,299,155 1,745			36,402,524 13,328	10,349,290 361,843	4 5
81,106,616	80,989,304	83,440,633	82,374,807	97,780,927			926,412,457	841,028,497	6
- 86,850	43,835	402,329	73,157	2,318,866			23,430,568	26,965,395	7
81,019,766	81,033,139	83,842,962	82,447,964	100,099,793			949,843,025	867,993,892	9
1,992,557 39,477,920	2,784,770 39,366,605	3,105,325 41,967,126	3,592,333 41,181,554	4,814,634 47,174,013			20,368,575 458,375,938	7,824,937 415,723,456	11 12 13
122,490,243	123,184,514	128,915,413	127,221,851	152,088,440			1,428,587,538	1,291,542,285	19
8,053,877 25,648,428 4,911,226	4,351,348 22,604,434 3,145,706	3,734,832 25,670,386 3,175,375	5,205,451 27,416,514 4,429,745	10,432,941 29,479,406 7,014,038			151,855,820 264,164,555 88,569,131	146,968,799 230,460,128 78,870,647	20 21 22
38,613,531	30,101,488	32,580,593	37,051,710	46,926,385			504,589,506	456,299,574	30
32,785,690 175,691	33,789,120 170,419	33,297,256 216,909	31,229,018 189,788	37,439,649 236,645			349,537,686 2,193,219	331,640,335 1,946,873	31 32
71,574,912	64,061,027	66,094,758	68,470,516	84,602,679			856,320,411	789,886,782	33
10,136,945 - 205,023 3,488,423 - 3,975,491	13,046,056 227,197 3,719,203 - 20,344	11,966,560 - 477,137 3,937,572 2,321,209	7,165,317 325,149 3,701,220 2,785,762	1,604,442 144,036 4,183,210 9,565,426			54,042,678 - 101,772 41,169,502 - 1,587,794	44,606,467 290,705 36,355,687 - 3,145,749	34 35 36 37
81,019,766	81,033,139	83,842,962	82,447,964	100,099,793			949,843,025	867,993,892	39
29,468,374 12,002,103	28,704,303 13,447,072	31,239,547 13,832,904	31,353,132 13,420,755	36,304,249 15,684,398			345,747,928 132,996,585	309,411,516 114,136,877	40 41 42
122,490,243	123,184,514	128,915,413	127,221,851	152,088,440			1,428,587,538	1,291,542,285	49

... Not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

October 1966

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields .....	-	-	-	6,571,375	584,489	...	7,155,864
1b	Processing plants .....	-	-	-	52,242,128	14,430,865	...	66,672,993
2	By distribution systems:							
2a	Fields .....	7,209	1,079,162	1,534,772	7,240,191	-	...	9,861,334
2b	Processing plants .....	-	-	1,843,608	9,882,892	63,336	...	11,789,836
3	Total (1 + 2) .....	7,209	1,079,162	3,378,380	75,936,586	15,078,690	...	95,480,027
4	Imports .....	...	...	...	...	...	2,299,155	2,299,155
5	Other receipts(1) .....	-	-	-	1,745	-	...	1,745
6	Total net receipts (3 + 4 + 5) .....	7,209	1,079,162	3,378,380	75,938,331	15,078,690	2,299,155	97,780,927
7	Received from storage .....	-	1,852,150	168,629	298,087	-	...	2,318,866
9	Total supply of gas utilities (6 + 7) .....	7,209	2,931,312	3,547,009	76,236,418	15,078,690	2,299,155	100,099,793
	<u>Disposition</u>							
	Sales:							
23	British Columbia .....	-	-	-	1,394,011	5,894,334	-	7,288,345
24	Alberta .....	-	-	3,075	13,598,693	-	9,063	13,610,831
25	Saskatchewan .....	-	-	489,972	3,073,107	-	-	3,563,079
26	Manitoba .....	-	-	694,632	1,467,374	-	-	2,162,006
27	Ontario .....	-	2,393,016	-	13,018,238	-	2,290,092	17,701,346
28	Quebec .....	-	-	-	2,596,566	-	-	2,596,566
29	New Brunswick .....	4,212	-	-	-	-	-	4,212
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,212	2,393,016	1,187,679	35,147,989	5,894,334	2,299,155	46,926,385
31	Exports .....	-	-	-	29,128,367	8,311,282	-	37,439,649
32	Other deliveries .....	-	-	-	236,645	-	-	236,645
33	Total net deliveries (30 + 31 + 32) .....	4,212	2,393,016	1,187,679	64,513,001	14,205,616	2,299,155	84,602,679
34	Delivered to storage .....	-	-	482,929	1,121,513	-	-	1,604,442
35	Line pack fluctuation .....	-	-	- 8,404	218,084	- 65,644	-	144,036
36	Gas used in system .....	69	23,937	101,576	3,491,228	566,400	-	4,183,210
37	Line losses and unaccounted for .....	2,928	514,359	1,783,229	6,892,592	372,318	-	9,565,426
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,209	2,931,312	3,547,009	76,236,418	15,078,690	2,299,155	100,099,793

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

October 1966

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
October 1966:			
Daily average .....	2,378,835	1,513,754	2,780,875
Maximum(1) .....	2,742,323	...	...
Minimum(1) .....	2,047,131	...	...
Exports maximum(1) .....	1,297,474	...	1,297,474
October 1965:			
Daily average .....	2,098,998	1,405,703	2,604,014
Maximum(1) .....	2,287,839	...	...
Minimum(1) .....	1,829,402	...	...
Year to date 1966:			
Daily average .....	2,287,124	1,659,834	2,994,615
Maximum(1) .....	2,834,583	...	...
Minimum(1) .....	1,257,664	...	...
Commodity miles:			
Mcf. miles (thousands) .....	65,995,002	..	..
Ton-miles (millions) .....	1,505	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,661,709	..	..
End of month (Mcf.) .....	7,809,559	..	..
Operating revenues .....	..	\$29,356,516(2)	..

(1) Non-coincident.

(2) Estimated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

October 1966

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	55,449	102,810
Deliveries to ultimate customers .....	48,786	80,206
Line pack fluctuations .....	-	1,040
Gas used in system .....	- 1,040	1,175
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	7,703	20,389
Total disposition .....	55,449	102,810
Daily average sendout .....	1,789	3,316
Revenues .....	\$31,900	\$133,515(1)

(1) Estimated.



TABLE 6. Sales of Natural Gas

No.		October 1966			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	2,060	3,049	10,619
2	Quebec .....	83,681	201,674	701,875	1,326,146
3	Ontario .....	495,907	642,005	4,269,008	5,718,626
4	Manitoba .....	89,794	92,643	737,837	948,858(1)
5	Saskatchewan .....	103,571	107,851	783,678	747,066
6	Alberta .....	231,307	237,313	2,401,875	1,517,732
7	British Columbia .....	151,073	171,914	1,535,619	2,421,671(1)
8	Canada .....	1,155,433	1,455,460	10,432,941	12,690,718
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....	2,365	2,365	1,681,483	928,637
11	Ontario .....	6,872	6,872	10,392,399	5,672,939
12	Manitoba .....	281	281	890,673	276,109(1)
13	Saskatchewan .....	561	561	2,405,521	555,865
14	Alberta .....	755	755	8,982,738	1,651,125
15	British Columbia .....	252	252	5,126,592	2,142,915(1)
16	Canada .....		11,086	29,479,406	11,227,590
17	Firm .....		10,564	23,069,738	8,707,398
18	Interruptible .....		522	6,409,668	2,520,192
	Commercial:				
19	New Brunswick .....	55	55	1,163	2,581
20	Quebec .....	9,621	9,621	213,208	302,643
21	Ontario .....	54,347	54,347	3,039,939	2,826,364
22	Manitoba .....	8,217	8,217	533,496	428,399(1)
23	Saskatchewan .....	13,912	13,912	373,880	228,236
24	Alberta .....	26,229	26,229	2,226,218	880,466
25	British Columbia .....	22,463	22,463	626,134	769,519(1)
26	Canada .....		134,844	7,014,038	5,438,208
	Total sales:				
27	New Brunswick .....		2,115	4,212	13,200
28	Quebec .....		213,660	2,596,566	2,557,426
29	Ontario .....		703,224	17,701,346	14,217,929
30	Manitoba .....		101,141	2,162,006	1,653,366
31	Saskatchewan .....		122,324	3,563,079	1,531,167
32	Alberta .....		264,297	13,610,831	4,049,323
33	British Columbia .....		194,629	7,288,345	5,334,105
34	Canada .....		1,601,390	46,926,385	29,356,516

(1) Estimated.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		October 1966		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue (1)
		No.	Mcf.	\$
1	Domestic .....	13,824	49,996	85,943
2	Industrial .....	38	719	740
3	Commercial .....	2,455	29,491	46,832
4	Totals .....	16,317	80,206	133,515

(1) Estimated.

TABLE 6. Sales of Natural Gas

October 1966			October 1965 <sup>†</sup>			
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.48	3.48	100	2,205	4,139	13,722	1
3.48	1.89	80,170	204,705	727,333	1,430,524	2
6.65	1.34	472,271	621,070	4,102,706	5,520,042	3
7.96	1.29	80,448	83,677	807,378	768,596	4
7.27	0.95	83,842	98,294	1,142,883	932,069	5
10.12	0.63	224,419	230,448	3,031,139	1,757,265	6
8.93	1.58	140,337	161,773	1,266,813	1,815,275	7
7.17	1.12	1,081,587	1,402,172	11,082,391	12,237,493	8
-	-	-	-	-	-	9
711	0.55	-	2,319	1,608,092	887,463	10
1,512	0.55	-	6,565	9,417,235	5,058,974	11
3,170	0.31	-	259	861,238	272,946	12
4,288	0.23	-	536	2,544,977	545,085	13
11,898	0.18	-	740	7,674,847	1,428,640	14
20,344	0.42	-	863	3,738,944	1,299,342	15
2,659	0.38	-	11,282	25,845,333	9,492,450	16
2,184	0.38	-	10,819	20,959,802	7,591,077	17
12,279	0.39	-	463	4,885,531	1,901,373	18
21.1	2.22	-	-	-	-	19
22.2	1.42	-	9,585	203,710	326,964	20
55.9	0.93	-	50,973	2,478,025	2,305,403	21
64.9	0.80	-	7,407	585,333	430,621	22
26.9	0.61	-	12,658	620,818	346,754	23
84.9	0.40	-	25,547	2,396,293	960,394	24
27.9	1.23	-	20,676	364,876	436,585	25
52.0	0.78	-	126,846	6,649,055	4,806,721	26
2.0	3.13	-	2,205	4,139	13,722	27
12.2	0.98	-	216,609	2,539,135	2,644,951	28
25.2	0.80	-	678,608	15,997,966	12,884,419	29
21.4	0.76	-	91,343	2,253,949	1,472,163	30
29.1	0.43	-	111,488	4,308,678	1,823,908	31
51.5	0.30	-	256,735	13,102,279	4,146,299	32
37.4	0.73	-	183,312	5,370,633	3,551,202	33
29.3	0.63	-	1,540,300	43,576,779	26,536,664	34

<sup>†</sup> Revised figures.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

October 1966				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
2,058	4,206	5,575		1
25	33,360	13,413		2
567	11,220	12,912		3
2,650	48,786	31,900		4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	October 1966			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	3,049	-	1,163	4,212
Quebec .....	709,462	1,698,689	215,484	2,623,635
Ontario .....	4,297,638	10,463,998	3,060,167	17,821,803
Manitoba .....	743,949	897,421	539,330	2,180,700
Saskatchewan .....	787,933	2,418,581	375,910	3,582,424
Alberta .....	2,595,548	9,586,529	2,417,203	14,599,280
British Columbia .....	1,627,811	5,423,806	661,853	7,713,470
Canada .....	10,765,390	30,489,024	7,271,110	48,525,524

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	October 1966						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	32,372	273,738	6,419,637	2,666,793	29,512,069	38,904,609	363,416,274
Imports .....	-	2,318,136	-	9,062	-	2,327,198	36,700,002

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	October 1966	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	48,089	29,583

TABLE 11. Exports and Imports to and from the United States

October 1966

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	32,179	-
Ontario - Cornwall .....	271,835	-
Niagara Falls .....	-	841,400
Ojibway .....	-	1,448,692
Total Ontario .....	271,835	2,290,092
Manitoba - Emerson .....	6,381,349	-
Alberta - Aden .....	1,755,077	-
Carway .....	935,693	-
Coutts .....	240	9,062
Total Alberta .....	2,691,010	9,062
British Columbia - Kingsgate - U.S.A. District V South(1)	14,065,707	-
Other U.S.A. ....	4,059,966	-
Huntingdon .....	9,937,603	-
Total British Columbia .....	28,063,276	-
Canada - 1966 .....	37,439,649	2,299,154
1965 .....	34,233,078	1,241,378
Year to date - 1966 .....	349,537,686	36,402,523
1965 .....	331,640,180	10,349,290
Value - 1966 .....	9,334,040	965,710
1965 .....	8,731,253	470,000

(1) California, Nevada, Arizona.





CANADA  
(DOMINION) BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 8, No. 11

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

NOVEMBER 1966

During November 1966 field gathering systems and processing plants delivered to gas utilities 106,078,081 Mcf. of natural gas. The transport systems accounted for 79,867,670 Mcf. and the distribution systems 26,210,411 Mcf. Natural gas imported from the U.S.A. was 3,467,087 Mcf. and the volume recovered from storage was 3,731,015 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over Nov. 1965	Revenue \$'000	% of total revenue
Ultimate customers .....	60,597	53.5	15.3	39,559	79.7
Exports .....	39,172	34.6	10.2	10,087	20.3
Other uses and adjustments .....	13,507	11.9	...	...	...
Totals .....	113,276	100.0	10.9	49,646	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 70.0 billion commodity (Mcf.) miles (1,595 million ton miles) during November 1966 compared with 65.1 billion (Mcf.) miles (1,484 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.3 million Mcf.

Alberta natural gas utilities receipts totalled 85.9 billion cubic feet; of this 21.5 per cent was sold to ultimate customers in Alberta, 16.9 per cent in Ontario, 3.2 per cent in Quebec, 4.3 per cent in Saskatchewan, 1.8 per cent in British Columbia and 4.5 per cent in Manitoba. Exports accounted for 35.7 per cent and the remaining 12.1 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during November 1966 compares to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales '000 Mcf.	% of total sales	% increase over Nov. 1965	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	18,228	30.1	12.6	19,359	48.9	1,465
Industrial .....	30,575	50.5	13.4	11,710	29.6	11
Commercial .....	11,794	19.4	25.1	8,490	21.5	137
Totals .....	60,597	100.0	15.3	39,559	100.0	1,613

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Industry Division

February 1967  
503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1966

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	7,832	-	1,198,018
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	7,832	-	1,198,018
4	Imports .....	-	-	3,452,526
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	7,832	-	4,650,544
7	Received from storage .....	-	-	2,832,969
9	Total supply of gas utilities (6 + 7) .....	7,832	-	7,483,513
	Transfers from:			
11	Other provinces .....	-	2,862,910	22,514,920
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	2,619,483	27,495,862
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,832	5,482,393	57,494,295
	<u>Disposition</u>			
	Sales:			
20	Residential .....	3,151	953,313	6,940,621
21	Industrial .....	-	1,457,268	10,462,793
22	Commercial .....	1,276	304,920	4,126,471
30	Total sales (20 + 21 + 22) .....	4,427	2,715,501	21,529,885
31	Exports .....	-	40,778	320,102
32	Other deliveries .....	-	-	1,294
33	Total net deliveries (30 + 31 + 32) .....	4,427	2,756,279	21,851,281
34	Delivered to storage .....	-	-	549,781
35	Line pack fluctuation .....	-	- 537	21,648
36	Gas used in system .....	92	6,910	2,014,064
37	Line losses and unaccounted for .....	3,313	100,258	2,698,749
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,832	2,862,910	27,135,523
	Transfers to:			
40	Other provinces .....	-	-	2,862,910
41	Distribution by transport (primary) .....	-	2,619,483	18,996,307
42	Other gas utilities .....	-	-	8,499,555
49	Total disposition (39 + 40 + 41 + 42) .....	7,832	5,482,393	57,494,295

(1) Includes peak shaving and enrichment.

... Not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1966

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	November 1965 <sup>F</sup>	No.
					Canada	
Mcf.						
-	-	7,677,893	546,447	8,224,340	9,040,454	1a
-	-	56,748,279	14,895,051	71,643,330	65,663,670	1b
-	1,967,980	9,002,267	-	12,176,097	9,990,750	2a
-	2,063,072	11,866,655	104,587	14,034,314	10,356,108	2b
-	4,031,052	85,295,094	15,546,085	106,078,081	95,050,982	3
-	-	14,561	-	3,467,087	3,544,449	4
- 261	-	-	-	- 261	5,095	5
- 261	4,031,052	85,309,655	15,546,085	109,544,907	98,600,526	6
-	300,426	597,620	-	3,731,015	3,563,684	7
- 261	4,331,478	85,907,275	15,546,085	113,275,922	102,164,210	9
34,534,794	39,193,258	-	22,383,871	***	***	11
-	3,460,974	2,068,144	-	5,529,118	547,063	12
4,772,434	3,445,325	5,314,571	7,888,047	51,535,722	48,009,889	13
39,306,967	50,431,035	93,289,990	45,818,003	170,340,762	150,721,162	19
1,624,591	1,682,066	4,841,963	2,182,479	18,228,184	16,185,076	20
1,085,598	3,877,819	9,531,533	4,159,626	30 574,637	26,968,751	21
1,133,048	1,072,269	4,083,944	1,072,111	11,794,039	9,424,740	22
3,843,237	6,632,154	18,457,440	7,414,216	60,596,860	52,578,567	30
6,695,503	-	3,074,468	29,040,869	39,171,720	35,554,290	31
-	-	277,204	-	278,498	246,815	32
10,538,740	6,632,154	21,809,112	36,455,085	100,047,078	88,379,672	33
-	397,720	- 708,355	-	239,146	869,179	34
16,143	83,214	57,390	275,293	453,151	304,267	35
490,072	954,285	401,791	723,397	4,590,611	4,064,850	36
974,658	922,569	2,770,208	476,181	7,945,936	8,546,242	37
12,019,613	8,989,942	24,330,146	37,929,956	113,275,922	102,164,210	39
22,514,920	34,534,794	61,577,129	-	***	***	40
4,772,434	3,445 325	1,330,857	7,689,334	38,853,740	37,328,695	41
-	3,460,974	6,051,858	198,713	18,211,100	11,228,257	42
39,306,967	50,431,035	93,289,990	45,818,003	170,340,762	150 721,162	49

<sup>†</sup> Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	10,462,945	9,199,677	8,796,207	6,940,111	7,397,472
1b	Processing plants .....	73,537,156	64,527,919	69,172,869	63,325,361	61,744,553
2	By distribution systems:					
2a	Fields .....	15,425,563	10,866,000	11,156,653	9,455,473	6,231,761
2b	Processing plants .....	12,687,509	10,993,992	11,315,242	10,441,356	9,991,217
3	Total (1 + 2) .....	112,113,173	95,587,588	100,440,971	90,162,301	85,365,003
4	Imports .....	3,219,680	2,861,093	3,041,015	3,917,293	4,011,532
5	Other receipts(1) .....	2,357	- 564	1,001	- 1,960	- 313
6	Total net receipts (3 + 4 + 5) .....	115,335,210	98,448,117	103,482,987	94,077,634	89,376,222
7	Received from storage .....	9,757,678	6,568,074	3,027,128	1,037,720	288,631
9	Total supply of gas utilities (6 + 7) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,664,853
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	1,239,865	667,774	614,077	552,919	1,004,321
13	Other gas utilities .....	58,643,485	49,635,064	51,555,605	45,708,482	43,666,084
19	Total gross receipts (9 + 11 + 12 + 13) ...	184,976,238	155,319,029	158,679,797	141,376,755	134,335,258
	<u>Disposition</u>					
	Sales:					
20	Residential .....	30,900,098	30,127,488	24,823,276	19,927,158	14,299,351
21	Industrial .....	26,694,952	25,119,783	28,100,115	26,663,822	26,766,715
22	Commercial .....	16,511,102	15,985,229	13,556,267	11,151,731	8,688,712
30	Total sales (20 + 21 + 22) .....	74,106,152	71,232,500	66,479,658	57,742,711	49,754,778
31	Exports .....	38,644,552	34,761,484	38,020,917	34,604,102	34,965,898
32	Other deliveries .....	258,781	266,370	265,730	230,378	182,508
33	Total net deliveries (30 + 31 + 32) .....	113,009,485	106,260,354	104,766,305	92,577,191	84,903,184
34	Delivered to storage .....	419,697	813,407	- 197,114	2,974,437	6,112,931
35	Line pack fluctuation .....	96,608	- 62,730	61,210	- 158,166	- 52,916
36	Gas used in system .....	4,998,364	4,409,579	4,441,104	4,082,791	4,208,036
37	Line losses and unaccounted for .....	6,568,734	- 6,404,419	- 2,561,390	- 4,360,899	- 5,506,382
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,664,853
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	43,778,424	37,511,726	39,030,411	35,065,430	33,292,332
42	Other gas utilities .....	16,104,926	12,791,112	13,139,271	11,195,971	11,378,073
49	Total disposition (39 + 40 + 41 + 42) .....	184,976,238	155,319,029	158,679,797	141,376,755	134,335,258

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

June	July	August	September	October	November	December	Year to date		No.
							1966	1965 <sup>r</sup>	
Mcf.									
5,281,175 56,187,196	4,243,876 57,490,254	4,390,057 57,565,422	5,040,561 55,451,074	7,155,864 66,672,993	8,224,340 71,643,330		77,132,285 697,318,127	84,173,529 648,112,431	1b
6,646,115 9,125,482	6,014,795 9,289,844	6,637,168 9,974,028	7,557,907 9,952,588	9,861,334 11,789,836	12,176,097 14,034,314		102,028,866 119,595,408	80,644,432 112,437,954	2a 2b
77,239,968	77,038,769	78,566,675	78,002,130	95,480,027	106,078,081		996,074,686	925,368,346	3
3,860,984 5,664	3,949,896 639	4,870,815 3,143	4,371,061 1,616	2,299,155 1,745	3,467,087 - 261		39,869,611 13,067	13,893,739 366,938	4 5
81,106,616	80,989,304	83,440,633	82,374,807	97,780,927	109,544,907		1,035,957,364	939,629,023	6
- 86,850	43,835	402,329	73,157	2,318,866	3,731,015		27,161,583	30,529,079	7
81,019,766	81,033,139	83,842,962	82,447,964	100,099,793	113,275,922		1,063,118,947	970,158,102	9
1,992,557 39,477,920	2,784,770 39,366,605	3,105,325 41,967,126	3,592,333 41,181,554	4,814,634 47,174,013	5,529,118 51,535,722		25,897,693 509,911,660	8,372,000 463,733,345	11 12 13
122,490,243	123,184,514	128,915,413	127,221,851	152,088,440	170,340,762		1,598,928,300	1,442,263,447	19
8,053,877 25,648,428 4,911,226	4,351,348 22,604,434 3,145,706	3,734,832 25,670,386 3,175,375	5,205,451 27,416,514 4,429,745	10,432,941 29,479,406 7,014,038	18,228,184 30,574,637 11,794,039		170,084,004 294,739,192 100,363,170	163,153,875 257,428,879 88,295,387	20 21 22
38,613,531	30,101,488	32,580,593	37,051,710	46,926,385	60,596,860		565,186,366	508,878,141	30
32,785,690 175,691	33,789,120 170,419	33,297,256 216,909	31,229,018 189,788	37,439,649 236,645	39,171,720 278,498		388,709,406 2,471,717	367,194,625 2,193,688	31 32
71,574,912	64,061,027	66,094,758	68,470,516	84,602,679	100,047,078		956,367,489	878,266,454	33
10,136,945 - 205,023 3,488,423 - 3,975,491	13,046,056 227,197 3,719,203 - 20,344	11,966,560 - 477,137 3,937,572 2,321,209	7,165,317 325,149 3,701,220 2,785,762	1,604,442 144,036 4,183,210 9,565,426	239,146 453,151 4,590,611 7,945,936		54,281,824 351,379 45,760,113 6,358,142	45,475,646 594,972 40,420,537 5,400,493	34 35 36 37
81,019,766	81,033,139	83,842,962	82,447,964	100,099,793	113,275,922		1,063,118,947	970,158,102	39
29,468,374 12,002,103	28,704,303 13,447,072	31,239,547 13,832,904	31,353,132 13,420,755	36,304,249 15,684,398	38,853,740 18,211,100		384,601,668 151,207,685	346,740,211 125,365,134	40 41 42
122,490,243	123,184,514	128,915,413	127,221,851	152,088,440	170,340,762		1,598,928,300	1,442,263,447	49

... Not appropriate or not applicable.

<sup>r</sup> Revised figures.



TABLE 3. Receipts and Disposition of Natural Gas by Source

November 1966

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields .....	-	-	-	7,677,893	546,447	...	8,224,340
1b	Processing plants .....	-	-	-	56,748,279	14,895,051	...	71,643,330
2	By distribution systems:							
2a	Fields .....	7,832	1,198,018	1,967,980	9,002,267	-	...	12,176,097
2b	Processing plants .....	-	-	2,063,072	11,866,655	104,587	...	14,034,314
3	Total (1 + 2) .....	7,832	1,198,018	4,031,052	85,295,094	15,546,085	...	106,078,081
4	Imports .....	...	...	...	...	...	3,467,087	3,467,087
5	Other receipts(1) .....	-	-	-	- 261	-	...	- 261
6	Total net receipts (3 + 4 + 5) .....	7,832	1,198,018	4,031,052	85,294,833	15,546,085	3,467,087	109,544,907
7	Received from storage .....	-	2,832,969	300,426	597,620	-	...	3,731,015
9	Total supply of gas utilities (6 + 7) .....	7,832	4,030,987	4,331,478	85,892,453	15,546,085	3,467,087	113,275,922
	<u>Disposition</u>							
	Sales:							
23	British Columbia .....	-	-	-	1,534,039	5,880,177	-	7,414,216
24	Alberta .....	-	-	-	18,442,879	-	14,561	18,457,440
25	Saskatchewan .....	-	-	2,937,233	3,694,921	-	-	6,632,154
26	Manitoba .....	-	-	15,649	3,827,588	-	-	3,843,237
27	Ontario .....	-	3,559,421	-	14,517,938	-	3,452,526	21,529,885
28	Quebec .....	-	-	-	2,715,501	-	-	2,715,501
29	New Brunswick .....	4,427	-	-	-	-	-	4,427
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,427	3,559,421	2,952,882	44,732,866	5,880,177	3,467,087	60,596,860
31	Exports .....	-	-	-	30,673,211	8,498,509	-	39,171,720
32	Other deliveries .....	-	-	-	278,498	-	-	278,498
33	Total net deliveries (30 + 31 + 32) .....	4,427	3,559,421	2,952,882	75,684,575	14,378,686	3,467,087	100,047,078
34	Delivered to storage .....	-	-	397,720	- 158,574	-	-	239,146
35	Line pack fluctuation .....	-	-	13,262	164,161	275,728	-	453,151
36	Gas used in system .....	92	20,650	142,541	3,811,048	616,280	-	4,590,611
37	Line losses and unaccounted for .....	3,313	450,916	825,073	6,391,243	275,391	-	7,945,936
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,832	4,030,987	4,331,478	85,892,453	15,546,085	3,467,087	113,275,922

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

November 1966

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
November 1966:			
Daily average .....	2,600,849	2,019,895	3,342,874
Maximum(1) .....	2,933,438	...	...
Minimum(1) .....	2,521,695	...	...
Exports maximum(1) .....	1,389,440	...	1,389,440
November 1965:			
Daily average .....	2,429,433	1,752,717	2,975,060
Maximum(1) .....	2,580,632	...	...
Minimum(1) .....	2,213,017	...	...
Year to date 1966:			
Daily average .....	2 315,303	1,692,175	3,025,896
Maximum(1) .....	2,933,438	...	...
Minimum(1) .....	1,257,664	...	...
Commodity miles:			
Mcf. miles (thousands) .....	69,971,805	..	..
Ton-miles (millions) .....	1,595	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,809,559	..	..
End of month (Mcf.) .....	8,231,878	..	..
Operating revenues .....	..	\$39,558,855(2)	..

(1) Non-coincident.

(2) Estimated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

November 1966

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	52,583	160,166
Deliveries to ultimate customers .....	53,927	139,505
Line pack fluctuations .....	-	-
Gas used in system .....	584	724
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 1,928	19,937
Total disposition .....	52,583	160,166
Daily average sendout .....	1,753	5,339
Revenues .....	\$40,531	\$229,149(1)

(1) Estimated.

TABLE 6. Sales of Natural Gas

No.		November 1966			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
<b>Residential:</b>					
1	New Brunswick .....	100	2,001	3,151	10,895
2	Quebec .....	85,367	202,835	953,313	1,576,230
3	Ontario .....	499,410	-647,166	6,940,621	9,018,307
4	Manitoba .....	90,793	93,614	1,624,591	1,494,624(1)
5	Saskatchewan .....	102,623	106,863	1,682,066	1,268,467
6	Alberta .....	232,979	239,025	4,841,963	2,529,397
7	British Columbia .....	152,986	173,736	2,182,479	3,460,455(1)
8	Canada .....	1,164,258	1,465,240	18,228,184	19,358,375
<b>Industrial:</b>					
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,365	1,457,268	913,662
11	Ontario .....		6,913	10,462,793	6,159,622
12	Manitoba .....		281	1,085,598	336,535(1)
13	Saskatchewan .....		564	3,877,819	827,959
14	Alberta .....		678	9,531,533	1,724,424
15	British Columbia .....		259	4,159,626	1,748,164(1)
16	Canada .....		11,060	30,574,637	11,710,366
17	Firm .....		10,551	25,065,051	9,512,591
18	Interruptible .....		509	5,509,586	2,197,775
<b>Commercial:</b>					
19	New Brunswick .....		56	1,276	2,772
20	Quebec .....		9,710	304,920	400,302
21	Ontario .....		55,287	4,126,471	3,827,738
22	Manitoba .....		8,325	1,133,048	827,125(1)
23	Saskatchewan .....		14,075	1,072,269	540,380
24	Alberta .....		26,757	4,083,944	1,567,019
25	British Columbia .....		22,871	1,072,111	1,324,778(1)
26	Canada .....		137,081	11,794,039	8,490,114
<b>Total sales:</b>					
27	New Brunswick .....		2,057	4,427	13,667
28	Quebec .....		214,910	2,715,501	2,890,194
29	Ontario .....		709,366	21,529,885	19,005,667
30	Manitoba .....		102,220	3,843,237	2,658,284
31	Saskatchewan .....		121,502	6,632,154	2,636,806
32	Alberta .....		266,460	18,457,440	5,820,840
33	British Columbia .....		196,866	7,414,216	6,533,397
34	Canada .....		1,163,381	60,596,860	39,558,855

(1) Estimated.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		November 1966		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue(1)
		No.	Mcf.	\$
1	Domestic .....	13,890	62,067	106,693
2	Industrial .....	38	925	953
3	Commercial .....	2,623	76,513	121,503
4	Totals .....	16,551	139,505	229,149

(1) Estimated.

TABLE 6. Sales of Natural Gas

November 1966		November 1965 <sup>r</sup>				
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.57	3.46	100	2,188	4,901	15,487	1
4.70	1.65	81,386	205,205	1,078,369	1,747,637	2
10.72	1.30	478,777	628,326	6,695,846	8,322,812	3
17.35	0.92	82,017	85,191	1,203,340	1,090,058	4
15.74	0.75	92,262	100,211	1,328,008	1,057,720	5
20.26	0.52	226,093	232,155	4,021,267	2,155,785	6
12.56	1.59	142,728	164,079	1,853,345	2,395,737	7
12.44	1.06	1,103,363	1,417,355	16,185,076	16,785,236	8
-	-	-	-	-	-	9
616	0.63	-	2,324	1,642,474	996,595	10
1,513	0.59	-	6,633	9,796,090	5,599,532	11
3,863	0.31	-	260	1,001,259	305,604	12
6,876	0.21	-	542	2,736,898	597,368	13
14,058	0.18	-	689	8,234,655	1,537,875	14
16,060	0.42	-	907	3,557,375	1,362,783	15
2,764	0.38	-	11,355	26,968,751	10,399,757	16
2,376	0.38	-	10,890	21,729,496	8,331,602	17
10,824	0.40	-	465	5,239,255	2,068,155	18
22.8	2.17	-	-	-	-	19
31.4	1.31	-	9,708	287,853	389,079	20
74.6	0.93	-	51,856	3,611,054	3,264,664	21
136.1	0.73	-	7,653	840,474	600,222	22
76.2	0.50	-	13,127	715,547	414,051	23
152.6	0.38	-	25,621	3,424,484	1,289,636	24
46.9	1.24	-	20,949	545,328	620,656	25
86.0	0.72	-	128,914	9,424,740	6,578,308	26
2.2	3.09	-	2,188	4,901	15,487	27
12.6	1.06	-	217,237	3,008,696	3,133,311	28
30.4	0.88	-	686,815	20,102,990	17,187,008	29
37.6	0.69	-	93,104	3,045,073	1,995,884	30
54.6	0.40	-	113,880	4,780,453	2,069,139	31
69.3	0.32	-	258,465	15,680,406	4,983,296	32
37.7	0.88	-	185,935	5,956,048	4,379,176	33
37.6	0.65	-	1,557,624	52,578,567	33,763,301	34

<sup>F</sup> Revised figures.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

November 1966				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
2,050	10,701	13,557	1	
29	30,361	12,297	2	
567	12,865	14,677	3	
2,646	53,927	40,531	4	

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	November 1966			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	3,168	-	1,283	4,451
Quebec .....	961,804	1,470,167	307,617	2,739,588
Ontario .....	6,986,461	10,533,274	4,153,739	21,673,474
Manitoba .....	1,638,440	1,094,122	1,144,913	3,877,475
Saskatchewan .....	1,691,198	3,898,873	1,078,091	6,668,162
Alberta .....	5,234,264	10,147,917	4,429,732	19,811,913
British Columbia .....	2,304,898	4,387,264	1,129,737	7,821,899
Canada .....	18,820,233	31,531,617	12,245,112	62,596,962

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	November 1966						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	41,186	322,343	6,762,458	3,037,576	30,559,367	40,722,930	404,139,204
Imports .....	-	3,477,719	-	14,561	-	3,492,280	40,169,103

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	November 1966	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	119,484	25,107



TABLE 11. Exports and Imports to and from the United States

November 1966

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	40,778	-
Ontario - Cornwall .....	320,102	-
Niagara Falls .....	-	1,703,664
Ojibway .....	-	1,748,862
Total Ontario .....	320,102	3,452,526
Manitoba - Emerson .....	6,695,503	-
Alberta - Aden .....	1,860,299	-
Carway .....	1,213,975	-
Coutts .....	194	14,561
Total Alberta .....	3,074,468	14,561
British Columbia - Kingsgate - U.S.A. District V South(1)	14,533,911	-
Other U.S.A. ....	4,327,240	-
Huntingdon .....	10,179,718	-
Total British Columbia .....	29,040,869	-
Canada - 1966 .....	39,171,720	3,467,087
1965 .....	35,554,290	3,544,449
Year to date - 1966 .....	388,709,406	39,869,610
1965 .....	367,194,470	13,893,739
Value - 1966 ..... (\$)	10,087,026	1,564,690
1965 ..... (\$)	8,983,253	1,615,000

(1) California, Nevada, Arizona.



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 8, No. 12

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

DECEMBER 1966

During December, 1966 field gathering systems and processing plants delivered to gas utilities 113,265,219 Mcf. of natural gas. The transport systems accounted for 84,175,208 Mcf. and the distribution systems 29,090,011 Mcf. Natural gas imported from the U.S.A. was 4,737,294 Mcf. and the volume recovered from storage was 8,020,767 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over Dec. 1965	Revenue \$'000	% of total revenue
Ultimate customers .....	70,328	55.8	9.6	53,955	83.1
Exports .....	43,109	34.2	14.9	10,968	16.9
Other uses and adjustments .....	12,596	10.0	...	...	...
Totals .....	126,033	100.0	12.8	64,923	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 73.9 billion commodity (Mcf.) miles (1,685 million ton miles) during December, 1966 compared with 64.1 billion (Mcf.) miles (1,462 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.6 million Mcf.

Alberta natural gas utilities receipts totalled 90.4 billion cubic feet; of this 24.1 per cent was sold to ultimate customers in Alberta, 13.7 per cent in Ontario, 3.7 per cent in Quebec, 3.4 per cent in Saskatchewan, 1.4 per cent in British Columbia and 5.6 per cent in Manitoba. Exports accounted for 36.2 per cent and the remaining 11.9 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during December compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales '000 Mcf.	% of total sales	% increase over Dec. 1965	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	25,177	35.8	4.2	25,972	48.1	1,476
Industrial .....	29,792	42.3	9.3	16,732	31.0	12
Commercial .....	15,359	21.9	20.5	11,251	20.9	139
Totals .....	70,328	100.0	9.6	53,955	100.0	1,627

The December estimated production of natural gas in the province of Quebec was 10,000 Mcf. This is not included in the tables in this report.

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Industry Division

April 1967  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1966

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	7,832	-	1,198,018
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	7,832	-	1,198,018
4	Imports .....	-	-	3,452,526
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	7,832	-	4,650,544
7	Received from storage .....	-	-	2,832,969
9	Total supply of gas utilities (6 + 7) .....	7,832	-	7,483,513
	Transfers from:			
11	Other provinces .....	-	2,862,910	22,514,920
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	2,619,483	27,495,862
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,832	5,482,393	57,494,295
	<u>Disposition</u>			
	Sales:			
20	Residential .....	3,151	953,313	6,940,621
21	Industrial .....	-	1,457,268	10,462,793
22	Commercial .....	1,276	304,920	4,126,471
30	Total sales (20 + 21 + 22) .....	4,427	2,715,501	21,529,885
31	Exports .....	-	40,778	320,102
32	Other deliveries .....	-	-	1,294
33	Total net deliveries (30 + 31 + 32) .....	4,427	2,756,279	21,851,281
34	Delivered to storage .....	-	-	549,781
35	Line pack fluctuation .....	-	- 537	21,648
36	Gas used in system .....	92	6,910	2,014,064
37	Line losses and unaccounted for .....	3,313	100,258	2,698,749
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,832	2,862,910	27,135,523
	Transfers to:			
40	Other provinces .....	-	-	2,862,910
41	Distribution by transport (primary) .....	-	2,619,483	18,996,307
42	Other gas utilities .....	-	-	8,499,555
49	Total disposition (39 + 40 + 41 + 42) .....	7,832	5,482,393	57,494,295

(1) Includes peak shaving and enrichment.

... Not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1966

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	November 1965 <sup>r</sup>	No.
					Canada	
Mcf.						
-	-	7,677,893	546,447	8,224,340	9,040,454	1a
-	-	56,748,279	14,895,051	71,643,330	65,663,670	1b
-	1,967,980	9,002,267	-	12,176,097	9,990,750	2a
-	2,063,072	11,866,655	104,587	14,034,314	10,356,108	2b
-	4,031,052	85,295,094	15,546,085	106,078,081	95,050,982	3
-	-	14,561	-	3,467,087	3,544,449	4
- 261	-	-	-	- 261	5,095	5
- 261	4,031,052	85,309,655	15,546,085	109,544,907	98,600,526	6
-	300,426	597,620	-	3,731,015	3,563,684	7
- 261	4,331,478	85,907,275	15,546,085	113,275,922	102,164,210	9
34,534,794	39,193,258	-	22,383,871	-	-	11
-	3,460,974	2,068,144	-	5,529,118	547,063	12
4,772,434	3,445,325	5,314,571	7,888,047	51,535,722	48,009,889	13
39,306,967	50,431,035	93,289,990	45,818,003	170,340,762	150,721,162	19
1,624,591	1,682,066	4,841,963	2,182,479	18,228,184	16,185,076	20
1,085,598	3,877,819	9,531,533	4,159,626	30,574,637	26,968,751	21
1,133,048	1,072,269	4,083,944	1,072,111	11,794,039	9,424,740	22
3,843,237	6,632,154	18,457,440	7,414,216	60,596,860	52,578,567	30
6,695,503	-	3,074,468	29,040,869	39,171,720	35,554,290	31
-	-	277,204	-	278,498	246,815	32
10,538,740	6,632,154	21,809,112	36,455,085	100,047,078	88,379,672	33
-	397,720	- 708,355	-	239,146	869,179	34
16,143	83,214	57,390	275,293	453,151	304,267	35
490,072	954,285	401,791	723,397	4,590,611	4,064,850	36
974,658	922,569	2,770,208	476,181	7,945,936	8,546,242	37
12,019,613	8,989,942	24,330,146	37,929,956	113,275,922	102,164,210	39
22,514,920	34,534,794	61,577,129	-	-	-	40
4,772,434	3,445,325	1,330,857	7,689,334	38,853,740	37,328,695	41
-	3,460,974	6,051,858	198,713	18,211,100	11,228,257	42
39,306,967	50,431,035	93,289,990	45,818,003	170,340,762	150,721,162	49

<sup>r</sup> Revised figures.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	10,462,945	9,199,677	8,796,207	6,940,111	7,397,472
1b	Processing plants .....	73,537,156	64,527,919	69,172,869	63,325,361	61,744,553
2	By distribution systems:					
2a	Fields .....	15,425,563	10,866,000	11,156,653	9,455,473	6,231,761
2b	Processing plants .....	12,687,509	10,993,992	11,315,242	10,441,356	9,991,217
3	Total (1 + 2) .....	112,113,173	95,587,588	100,440,971	90,162,301	85,365,003
4	Imports .....	3,219,680	2,861,093	3,041,015	3,917,293	4,011,532
5	Other receipts(1) .....	2,357	- 564	1,001	- 1,960	- 313
6	Total net receipts (3 + 4 + 5) .....	115,335,210	98,448,117	103,482,987	94,077,634	89,376,222
7	Received from storage .....	9,757,678	6,568,074	3,027,128	1,037,720	288,631
9	Total supply of gas utilities (6 + 7) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,664,853
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	1,239,865	667,774	614,077	552,919	1,004,321
13	Other gas utilities .....	58,643,485	49,635,064	51,555,605	45,708,482	43,666,084
19	Total gross receipts (9 + 11 + 12 + 13) ...	184,976,238	155,319,029	158,679,797	141,376,755	134,335,258
	<u>Disposition</u>					
	Sales:					
20	Residential .....	30,900,098	30,127,488	24,823,276	19,927,158	14,299,351
21	Industrial .....	26,694,952	25,119,783	28,100,115	26,663,822	26,766,715
22	Commercial .....	16,511,102	15,985,229	13,556,267	11,151,731	8,688,712
30	Total sales (20 + 21 + 22) .....	74,106,152	71,232,500	66,479,658	57,742,711	49,754,778
31	Exports .....	38,644,552	34,761,484	38,020,917	34,604,102	34,965,898
32	Other deliveries .....	258,781	266,370	265,730	230,378	182,508
33	Total net deliveries (30 + 31 + 32) .....	113,009,485	106,260,354	104,766,305	92,577,191	84,903,184
34	Delivered to storage .....	419,697	813,407	- 197,114	2,974,437	6,112,931
35	Line pack fluctuation .....	96,608	- 62,730	61,210	- 158,166	- 52,916
36	Gas used in system .....	4,998,364	4,409,579	4,441,104	4,082,791	4,208,036
37	Line losses and unaccounted for .....	6,568,734	- 6,404,419	- 2,561,390	- 4,360,899	- 5,506,382
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,664,853
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	43,778,424	37,511,726	39,030,411	35,065,430	33,292,332
42	Other gas utilities .....	16,104,926	12,791,112	13,139,271	11,195,971	11,378,073
49	Total disposition (39 + 40 + 41 + 42) .....	184,976,238	155,319,029	158,679,797	141,376,755	134,335,258

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

June	July	August	September	October	November	December	Year to date		No.
							1966	1965 <sup>r</sup>	
Mcf.									
5,281,175 56,187,196	4,243,876 57,490,254	4,390,057 57,565,422	5,040,561 55,451,074	7,155,864 66,672,993	8,224,340 71,643,330		77,132,285 697,318,127	84,173,529 648,112,431	1a 1b
6,646,115 9,125,482	6,014,795 9,289,844	6,637,168 9,974,028	7,557,907 9,952,588	9,861,334 11,789,836	12,176,097 14,034,314		102,028,866 119,595,408	80,644,432 112,437,954	2a 2b
77,239,968	77,038,769	78,566,675	78,002,130	95,480,027	106,078,081		996,074,686	925,368,346	3
3,860,984 5,664	3,949,896 639	4,870,815 3,143	4,371,061 1,616	2,299,155 1,745	3,467,087 - 261		39,869,611 13,067	13,893,739 366,938	4 5
81,106,616	80,989,304	83,440,633	82,374,807	97,780,927	109,544,907		1,035,957,364	939,629,023	6
- 86,850	43,835	402,329	73,157	2,318,866	3,731,015		27,161,583	30,529,079	7
81,019,766	81,033,139	83,842,962	82,447,964	100,099,793	113,275,922		1,063,118,947	970,158,102	9
1,992,557 39,477,920	2,784,770 39,366,605	3,105,325 41,967,126	3,592,333 41,181,554	4,814,634 47,174,013	5,529,118 51,535,722		25,897,693 509,911,660	8,372,000 463,733,345	11 12 13
122,490,243	123,184,514	128,915,413	127,221,851	152,088,440	170,340,762		1,598,928,300	1,442,263,447	19
8,053,877 25,648,428 4,911,226	4,351,348 22,604,434 3,145,706	3,734,832 25,670,386 3,175,375	5,205,451 27,416,514 4,429,745	10,432,941 29,479,406 7,014,038	18,228,184 30,574,637 11,794,039		170,084,004 294,739,192 100,363,170	163,153,875 257,428,879 88,295,387	20 21 22
38,613,531	30,101,488	32,580,593	37,051,710	46,926,385	60,596,860		565,186,366	508,878,141	30
32,785,690 175,691	33,789,120 170,419	33,297,256 216,909	31,229,018 189,788	37,439,649 236,645	39,171,720 278,498		388,709,406 2,471,717	367,194,625 2,193,688	31 32
71,574,912	64,061,027	66,094,758	68,470,516	84,602,679	100,047,078		956,367,489	878,266,454	33
10,136,945 - 205,023 3,488,423 - 3,975,491	13,046,056 227,197 3,719,203 - 20,344	11,966,560 - 477,137 3,937,572 2,321,209	7,165,317 325,149 3,701,220 2,785,762	1,604,442 144,036 4,183,210 9,565,426	239,146 453,151 4,590,611 7,945,936		54,281,824 351,379 45,760,113 6,358,142	45,475,646 594,972 40,420,537 5,400,493	34 35 36 37
81,019,766	81,033,139	83,842,962	82,447,964	100,099,793	113,275,922		1,063,118,947	970,158,102	39
29,468,374 12,002,103	28,704,303 13,447,072	31,239,547 13,832,904	31,353,132 13,420,755	36,304,249 15,684,398	38,853,740 18,211,100		384,601,668 151,207,685	346,740,211 125,365,134	40 41 42
122,490,243	123,184,514	128,915,413	127,221,851	152,088,440	170,340,762		1,598,928,300	1,442,263,447	49

... Not appropriate or not applicable.  
<sup>F</sup> Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

November 1966

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields .....	-	-	-	7,677,893	546,447	...	8,224,340
1b	Processing plants .....	-	-	-	56,748,279	14,895,051	...	71,643,330
2	By distribution systems:							
2a	Fields .....	7,832	1,198,018	1,967,980	9,002,267	-	...	12,176,097
2b	Processing plants .....	-	-	2,063,072	11,866,655	104,587	...	14,034,314
3	Total (1 + 2) .....	7,832	1,198,018	4,031,052	85,295,094	15,546,085	...	106,078,081
4	Imports .....	...	...	...	...	...	3,467,087	3,467,087
5	Other receipts(1) .....	-	-	-	- 261	-	...	- 261
6	Total net receipts (3 + 4 + 5) .....	7,832	1,198,018	4,031,052	85,294,833	15,546,085	3,467,087	109,544,907
7	Received from storage .....	-	2,832,969	300,426	597,620	-	...	3,731,015
9	Total supply of gas utilities (6 + 7) .....	7,832	4,030,987	4,331,478	85,892,453	15,546,085	3,467,087	113,275,922
	<u>Disposition</u>							
	Sales:							
23	British Columbia .....	-	-	-	1,534,039	5,880,177	-	7,414,216
24	Alberta .....	-	-	-	18,442,879	-	14,561	18,457,440
25	Saskatchewan .....	-	-	2,937,233	3,694,921	-	-	6,632,154
26	Manitoba .....	-	-	15,649	3,827,588	-	-	3,843,237
27	Ontario .....	-	3,559,421	-	14,517,938	-	3,452,526	21,529,885
28	Quebec .....	-	-	-	2,715,501	-	-	2,715,501
29	New Brunswick .....	4,427	-	-	-	-	-	4,427
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,427	3,559,421	2,952,882	44,732,866	5,880,177	3,467,087	60,596,860
31	Exports .....	-	-	-	30,673,211	8,498,509	-	39,171,720
32	Other deliveries .....	-	-	-	278,498	-	-	278,498
33	Total net deliveries (30 + 31 + 32) .....	4,427	3,559,421	2,952,882	75,684,575	14,378,686	3,467,087	100,047,078
34	Delivered to storage .....	-	-	397,720	- 158,574	-	-	239,146
35	Line pack fluctuation .....	-	-	13,262	164,161	275,728	-	453,151
36	Gas used in system .....	92	20,650	142,541	3,811,048	616,280	-	4,590,611
37	Line losses and unaccounted for .....	3,313	450,916	825,073	6,391,243	275,391	-	7,945,936
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,832	4,030,987	4,331,478	85,892,453	15,546,085	3,467,087	113,275,922

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

November 1966

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
November 1966:			
Daily average .....	2,600,849	2,019,895	3,342,874
Maximum(1) .....	2,933,438	...	...
Minimum(1) .....	2,521,695	...	...
Exports maximum(1) .....	1,389,440	...	1,389,440
November 1965:			
Daily average .....	2,429,433	1,752,717	2,975,060
Maximum(1) .....	2,580,632	...	...
Minimum(1) .....	2,213,017	...	...
Year to date 1966:			
Daily average .....	2 315,303	1,692,175	3,025,896
Maximum(1) .....	2,933,438	...	...
Minimum(1) .....	1,257,664	...	...
Commodity miles:			
Mcf. miles (thousands) .....	69,971,805	..	..
Ton-miles (millions) .....	1,595	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,809,559	..	..
End of month (Mcf.) .....	8,231,878	..	..
Operating revenues .....	..	\$39,558,855(2)	..

(1) Non-coincident.

(2) Estimated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

November 1966

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	52,583	160,166
Deliveries to ultimate customers .....	53,927	139,505
Line pack fluctuations .....	-	-
Gas used in system .....	584	724
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 1,928	19,937
Total disposition .....	52,583	160,166
Daily average sendout .....	1,753	5,339
Revenues .....	\$40,531	\$229,149(1)

(1) Estimated.

TABLE 6. Sales of Natural Gas

No.		November 1966			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
<b>Residential:</b>					
1	New Brunswick .....	100	2,001	3,151	10,895
2	Quebec .....	85,367	202,835	953,313	1,576,230
3	Ontario .....	499,410	647,166	6,940,621	9,018,307
4	Manitoba .....	90,793	93,614	1,624,591	1,494,624(1)
5	Saskatchewan .....	102,623	106,863	1,682,066	1,268,467
6	Alberta .....	232,979	239,025	4,841,963	2,529,397
7	British Columbia .....	152,986	173,736	2,182,479	3,460,455(1)
8	Canada .....	1,164,258	1,465,240	18,228,184	19,358,375
<b>Industrial:</b>					
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,365	1,457,268	913,662
11	Ontario .....		6,913	10,462,793	6,159,622
12	Manitoba .....		281	1,085,598	336,535(1)
13	Saskatchewan .....		564	3,877,819	827,959
14	Alberta .....		678	9,531,533	1,724,424
15	British Columbia .....		259	4,159,626	1,748,164(1)
16	Canada .....		11,060	30,574,637	11,710,366
17	Firm .....		10,551	25,065,051	9,512,591
18	Interruptible .....		509	5,509,586	2,197,775
<b>Commercial:</b>					
19	New Brunswick .....		56	1,276	2,772
20	Quebec .....		9,710	304,920	400,302
21	Ontario .....		55,287	4,126,471	3,827,738
22	Manitoba .....		8,325	1,133,048	827,125(1)
23	Saskatchewan .....		14,075	1,072,269	540,380
24	Alberta .....		26,757	4,083,944	1,567,019
25	British Columbia .....		22,871	1,072,111	1,324,778(1)
26	Canada .....		137,081	11,794,039	8,490,114
<b>Total sales:</b>					
27	New Brunswick .....		2,057	4,427	13,667
28	Quebec .....		214,910	2,715,501	2,890,194
29	Ontario .....		709,366	21,529,885	19,005,667
30	Manitoba .....		102,220	3,843,237	2,658,284
31	Saskatchewan .....		121,502	6,632,154	2,636,806
32	Alberta .....		266,460	18,457,440	5,820,840
33	British Columbia .....		196,866	7,414,216	6,533,397
34	Canada .....		1,163,381	60,596,860	39,558,855

(1) Estimated.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		November 1966		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue(1)
		No.	Mcf.	\$
1	Domestic .....	13,890	62,067	106,693
2	Industrial .....	38	925	953
3	Commercial .....	2,623	76,513	121,503
4	Totals .....	16,551	139,505	229,149

(1) Estimated.



TABLE 6. Sales of Natural Gas

November 1966			November 1965 <sup>F</sup>			
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.57	3.46	100	2,188	4,901	15,487	1
4.70	1.65	81,386	205,205	1,078,369	1,747,637	2
10.72	1.30	478,777	628,326	6,695,846	8,322,812	3
17.35	0.92	82,017	85,191	1,203,340	1,090,058	4
15.74	0.75	92,262	100,211	1,328,008	1,057,720	5
20.26	0.52	226,093	232,155	4,021,267	2,155,785	6
12.56	1.59	142,728	164,079	1,853,345	2,395,737	7
12.44	1.06	1,103,363	1,417,355	16,185,076	16,785,236	8
-	-	-	-	-	-	9
616	0.63	-	2,324	1,642,474	996,595	10
1,513	0.59	-	6,633	9,796,090	5,599,532	11
3,863	0.31	-	260	1,001,259	305,604	12
6,876	0.21	-	542	2,736,898	597,368	13
14,058	0.18	-	689	8,234,655	1,537,875	14
16,060	0.42	-	907	3,557,375	1,362,783	15
2,764	0.38	-	11,355	26,968,751	10,399,757	16
2,376	0.38	-	10,890	21,729,496	8,331,602	17
10,824	0.40	-	465	5,239,255	2,068,155	18
22.8	2.17	-	-	-	-	19
31.4	1.31	-	9,708	287,853	389,079	20
74.6	0.93	-	51,856	3,611,054	3,264,664	21
136.1	0.73	-	7,653	840,474	600,222	22
76.2	0.50	-	13,127	715,547	414,051	23
152.6	0.38	-	25,621	3,424,484	1,289,636	24
46.9	1.24	-	20,949	545,328	620,656	25
86.0	0.72	-	128,914	9,424,740	6,578,308	26
2.2	3.09	-	2,188	4,901	15,487	27
12.6	1.06	-	217,237	3,008,696	3,133,311	28
30.4	0.88	-	686,815	20,102,990	17,187,008	29
37.6	0.69	-	93,104	3,045,073	1,995,884	30
54.6	0.40	-	113,880	4,780,453	2,069,139	31
69.3	0.32	-	258,465	15,680,406	4,983,296	32
37.7	0.88	-	185,935	5,956,048	4,379,176	33
37.6	0.65	-	1,557,624	52,578,567	33,763,301	34

<sup>F</sup> Revised figures.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

November 1966				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
2,050	10,701	13,557		1
29	30,361	12,297		2
567	12,865	14,677		3
2,646	53,927	40,531		4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	November 1966			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	3,168	-	1,283	4,451
Quebec .....	961,804	1,470,167	307,617	2,739,588
Ontario .....	6,986,461	10,533,274	4,153,739	21,673,474
Manitoba .....	1,638,440	1,094,122	1,144,913	3,877,475
Saskatchewan .....	1,691,198	3,898,873	1,078,091	6,668,162
Alberta .....	5,234,264	10,147,917	4,429,732	19,811,913
British Columbia .....	2,304,898	4,387,264	1,129,737	7,821,899
Canada .....	18,820,233	31,531,617	12,245,112	62,596,962

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	November 1966						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	41,186	322,343	6,762,458	3,037,576	30,559,367	40,722,930	404,139,204
Imports .....	-	3,477,719	-	14,561	-	3,492,280	40,169,103

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	November 1966	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	119,484	25,107

TABLE 11. Exports and Imports to and from the United States

November 1966

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	40,778	-
Ontario - Cornwall .....	320,102	-
Niagara Falls .....	-	1,703,664
Ojibway .....	-	1,748,862
Total Ontario .....	320,102	3,452,526
Manitoba - Emerson .....	6,695,503	-
Alberta - Aden .....	1,860,299	-
Carway .....	1,213,975	-
Coutts .....	194	14,561
Total Alberta .....	3,074,468	14,561
British Columbia - Kingsgate - U.S.A. District V South(1)	14,533,911	-
Other U.S.A. ....	4,327,240	-
Huntingdon .....	10,179,718	-
Total British Columbia .....	29,040,869	-
Canada - 1966 .....	39,171,720	3,467,087
1965 .....	35,554,290	3,544,449
Year to date - 1966 .....	388,709,406	39,869,610
1965 .....	367,194,470	13,893,739
Value - 1966 .....	10,087,026	1,564,690
1965 .....	8,983,253	1,615,000

(1) California, Nevada, Arizona.



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 8, No. 12

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

DECEMBER 1966

During December, 1966 field gathering systems and processing plants delivered to gas utilities 113,265,219 Mcf. of natural gas. The transport systems accounted for 84,175,208 Mcf. and the distribution systems 29,090,011 Mcf. Natural gas imported from the U.S.A. was 4,737,294 Mcf. and the volume recovered from storage was 8,020,767 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over Dec. 1965	Revenue \$'000	% of total revenue
Ultimate customers .....	70,328	55.8	9.6	53,955	83.1
Exports .....	43,109	34.2	14.9	10,968	16.9
Other uses and adjustments .....	12,596	10.0	...	...	...
Totals .....	126,033	100.0	12.8	64,923	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 73.9 billion commodity (Mcf.) miles (1,685 million ton miles) during December, 1966 compared with 64.1 billion (Mcf.) miles (1,462 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.6 million Mcf.

Alberta natural gas utilities receipts totalled 90.4 billion cubic feet; of this 24.1 per cent was sold to ultimate customers in Alberta, 13.7 per cent in Ontario, 3.7 per cent in Quebec, 3.4 per cent in Saskatchewan, 1.4 per cent in British Columbia and 5.6 per cent in Manitoba. Exports accounted for 36.2 per cent and the remaining 11.9 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during December compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales '000 Mcf.	% of total sales	% increase over Dec. 1965	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	25,177	35.8	4.2	25,972	48.1	1,476
Industrial .....	29,792	42.3	9.3	16,732	31.0	12
Commercial .....	15,359	21.9	20.5	11,251	20.9	139
Totals .....	70,328	100.0	9.6	53,955	100.0	1,627

The December estimated production of natural gas in the province of Quebec was 10,000 Mcf. This is not included in the tables in this report.

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Industry Division

April 1967  
6503-509

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TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1966

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	9,063	-	1,801,773
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	9,063	-	1,801,773
4	Imports .....	-	-	4,721,805
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	9,063	-	6,523,578
7	Received from storage .....	-	-	7,347,106
9	Total supply of gas utilities (6 + 7) .....	9,063	-	13,870,684
	Transfers from:			
11	Other provinces .....	-	3,502,199	22,995,041
12	Distribution to transport (primary) .....	-	-	990,469
13	Other gas utilities .....	-	3,277,068	32,311,009
19	Total gross receipts (9 + 11 + 12 + 13) ...	9,063	6,779,267	70,167,203
	<u>Disposition</u>			
	Sales:			
20	Residential .....	3,633	1,466,361	9,413,955
21	Industrial .....	-	1,409,994	10,886,484
22	Commercial .....	1,810	449,794	5,193,102
30	Total sales (20 + 21 + 22) .....	5,443	3,326,149	25,493,541
31	Exports .....	-	56,109	403,354
32	Other deliveries .....	-	-	2,984
33	Total net deliveries (30 + 31 + 32) .....	5,443	3,382,258	25,899,879
34	Delivered to storage .....	-	-	244,659
35	Line pack fluctuation .....	-	600	31,730
36	Gas used in system .....	125	7,783	2,018,814
37	Line losses and unaccounted for .....	3,495	111,558	5,168,444
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,063	3,502,199	33,363,526
	Transfers to:			
40	Other provinces .....	-	-	3,502,199
41	Distribution by transport (primary) .....	-	3,277,068	19,884,574
42	Other gas utilities .....	-	-	13,416,904
49	Total disposition (39 + 40 + 41 + 42) .....	9,063	6,779,267	70,167,203

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1966

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	December 1965	No.
					Canada	
Mcf.						
-	-	7,220,082	495,423	7,715,505	9,298,018	1a
-	-	60,141,840	16,317,863	76,459,703	70,504,445	1b
-	2,456,402	10,499,286	-	14,766,524	12,213,826	2a
-	2,125,195	12,085,293	112,999	14,323,487	11,554,890	2b
-	4,581,597	89,946,501	16,926,285	113,265,219	103,571,179	3
-	-	15,489	-	4,737,294	3,852,032	4
5,835	-	-	3,495	9,330	2,248	5
5,835	4,581,597	89,961,990	16,929,780	118,011,843	107,425,459	6
-	226,870	446,791	-	8,020,767	4,218,670	7
5,835	4,808,467	90,408,781	16,929,780	126,032,610	111,644,129	9
36,421,615	40,406,630	-	23,430,474	-	-	11
-	3,087,856	2,049,341	-	6,127,666	564,531	12
5,626,008	3,248,966	5,791,264	7,367,695	57,622,010	52,299,154	13
42,053,458	51,551,919	98,249,386	47,727,949	189,782,286	164,507,814	19
2,343,361	2,689,232	6,622,275	2,638,035	25,176,852	24,156,914	20
1,072,876	3,477,938	9,844,675	3,100,531	29,792,498	27,240,037	21
1,632,798	1,419,201	5,321,855	1,340,346	15,358,906	12,741,131	22
5,049,035	7,586,371	21,788,805	7,078,912	70,328,256	64,138,082	30
7,287,645	-	3,116,333	32,245,344	43,108,785	37,514,400	31
-	-	306,637	-	309,621	264,127	32
12,336,680	7,586,371	25,211,775	39,324,256	113,746,662	101,916,609	33
-	65,656	201,379	-	511,694	693,180	34
23,728	118,818	- 6,170	- 153,856	14,850	- 44,665	35
487,995	939,874	318,780	820,188	4,593,559	4,656,497	36
584,006	82,763	845,913	369,666	7,165,845	4,422,508	37
13,432,409	8,793,482	26,571,677	40,360,254	126,032,610	111,644,129	39
22,995,041	36,421,615	63,837,104	-	-	-	40
5,626,008	3,248,966	2,045,601	7,150,035	41,232,252	40,489,309	41
-	3,087,856	5,795,004	217,660	22,517,424	12,374,376	42
42,053,458	51,551,919	98,249,386	47,727,949	189,782,286	164,507,814	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	10,462,945	9,199,677	8,796,207	6,940,111	7,397,472
1b	Processing plants .....	73,537,156	64,527,919	69,172,869	63,325,361	61,744,553
2	By distribution systems:					
2a	Fields .....	15,425,563	10,866,000	11,156,653	9,455,473	6,231,761
2b	Processing plants .....	12,687,509	10,993,992	11,315,242	10,441,356	9,991,217
3	Total (1 + 2) .....	112,113,173	95,587,588	100,440,971	90,162,301	85,365,003
4	Imports .....	3,219,680	2,861,093	3,041,015	3,917,293	4,011,532
5	Other receipts(1) .....	2,357	- 564	1,001	- 1,960	- 313
6	Total net receipts (3 + 4 + 5) .....	115,335,210	98,448,117	103,482,987	94,077,634	89,376,222
7	Received from storage .....	9,757,678	6,568,074	3,027,128	1,037,720	288,631
9	Total supply of gas utilities (6 + 7) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,664,853
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	1,239,865	667,774	614,077	552,919	1,004,321
13	Other gas utilities .....	58,643,485	49,635,064	51,555,605	45,708,482	43,666,084
19	Total gross receipts (9 + 11 + 12 + 13) ...	184,976,238	155,319,029	158,679,797	141,376,755	134,335,258
	<u>Disposition</u>					
	Sales:					
20	Residential .....	30,900,098	30,127,488	24,823,276	19,927,158	14,299,351
21	Industrial .....	26,694,952	25,119,783	28,100,115	26,663,822	26,766,715
22	Commercial .....	16,511,102	15,985,229	13,556,267	11,151,731	8,688,712
30	Total sales (20 + 21 + 22) .....	74,106,152	71,232,500	66,479,658	57,742,711	49,754,778
31	Exports .....	38,644,552	34,761,484	38,020,917	34,604,102	34,965,898
32	Other deliveries .....	258,781	266,370	265,730	230,378	182,508
33	Total net deliveries (30 + 31 + 32) .....	113,009,485	106,260,354	104,766,305	92,577,191	84,903,184
34	Delivered to storage .....	419,697	813,407	- 197,114	2,974,437	6,112,931
35	Line pack fluctuation .....	96,608	- 62,730	61,210	- 158,166	- 52,916
36	Gas used in system .....	4,998,364	4,409,579	4,441,104	4,082,791	4,208,036
37	Line losses and unaccounted for .....	6,568,734	- 6,404,419	- 2,561,390	- 4,360,899	- 5,506,382
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	125,092,888	105,016,191	106,510,115	95,115,354	89,664,853
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	43,778,424	37,511,726	39,030,411	35,065,430	33,292,332
42	Other gas utilities .....	16,104,926	12,791,112	13,139,271	11,195,971	11,378,073
49	Total disposition (39 + 40 + 41 + 42) .....	184,976,238	155,319,029	158,679,797	141,376,755	134,335,258

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1966

June	July	August	September	October	November	December	Year to date		No.
							1966	1965 <sup>r</sup>	
Mcf.									
5,281,175 56,187,196	4,243,876 57,490,254	4,390,057 57,565,422	5,040,561 55,451,074	7,155,864 66,672,993	8,224,340 71,643,330	7,715,505 76,459,703	84,847,790 773,777,830	93,471,547 718,500,289	1a 1b
6,646,115 9,125,482	6,014,795 9,289,844	6,637,168 9,974,028	7,557,907 9,952,588	9,861,334 11,789,836	12,176,097 14,034,314	14,766,524 14,323,487	116,795,390 133,918,895	92,858,258 123,992,844	2a 2b
77,239,968	77,038,769	78,566,675	78,002,130	95,480,027	106,078,081	113,265,219	1,109,339,905	1,028,822,938	3
3,860,984 5,664	3,949,896 639	4,870,815 3,143	4,371,061 1,616	2,299,155 1,745	3,467,087 - 261	4,737,294 9,330	44,606,905 22,397	17,245,771 369,186	4 5
81,106,616	80,989,304	83,440,633	82,374,807	97,780,927	109,544,907	118,011,843	1,153,969,207	1,046,937,895	6
- 86,850	43,835	402,329	73,157	2,318,866	3,731,015	8,020,767	35,182,350	34,747,749	7
81,019,766	81,033,139	83,842,962	82,447,964	100,099,793	113,275,922	126,032,610	1,189,151,557	1,081,685,644	9
1,992,557 39,477,920	2,784,770 39,366,605	3,105,325 41,967,126	3,592,333 41,181,554	4,814,634 47,174,013	5,529,118 51,535,722	6,127,666 57,622,010	32,025,359 567,533,670	8,936,531 516,032,499	11 12 13
122,490,243	123,184,514	128,915,413	127,221,851	152,088,440	170,340,762	189,782,286	1,788,710,586	1,606,654,674	19
8,053,877 25,648,428 4,911,226	4,351,348 22,604,434 3,145,706	3,734,832 25,670,386 3,175,375	5,205,451 27,416,514 4,429,745	10,432,941 29,479,406 7,014,038	18,228,184 30,574,637 11,794,039	25,176,852 29,792,498 15,358,906	195,260,856 324,531,690 115,722,076	187,310,789 284,668,916 101,036,518	20 21 22
38,613,531	30,101,488	32,580,593	37,051,710	46,926,385	60,596,860	70,328,256	635,514,622	573,016,223	30
32,785,690 175,691	33,789,120 170,419	33,297,256 216,909	31,229,018 189,788	37,439,649 236,645	39,171,720 278,498	43,108,785 309,621	431,818,191 2,781,338	404,709,025 2,457,815	31 32
71,574,912	64,061,027	66,094,758	68,470,516	84,602,679	100,047,078	113,746,662	1,070,114,151	980,183,063	33
10,136,945 - 205,023 3,488,423 - 3,975,491	13,046,056 227,197 3,719,203 - 20,344	11,966,560 - 477,137 3,937,572 2,321,209	7,165,317 325,149 3,701,220 2,785,762	1,604,442 144,036 4,183,210 9,565,426	239,146 453,151 4,590,611 7,945,936	511,694 14,850 4,593,559 7,165,845	54,793,518 366,229 50,353,672 13,523,987	46,168,826 550,307 45,077,034 9,706,414	34 35 36 37
81,019,766	81,033,139	83,842,962	82,447,964	100,099,793	113,275,922	126,032,610	1,189,151,557	1,081,685,644	39
29,468,374 12,002,103	28,704,303 13,447,072	31,239,547 13,832,904	31,353,132 13,420,755	36,304,249 15,684,398	38,853,740 18,211,100	41,232,252 22,517,424	425,833,920 173,725,109	387,229,520 137,739,510	40 41 42
122,490,243	123,184,514	128,915,413	127,221,851	152,088,440	170,340,762	189,782,286	1,788,710,586	1,606,654,674	49

... Not appropriate or not applicable.

<sup>r</sup> Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

December 1966

No.		New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
					Mcf.			
	<u>Receipts</u>							
1	By transport systems:							
1a	Fields .....	-	-	-	7,220,082	495,423	...	7,715,505
1b	Processing plants .....				60,141,840	16,317,863	...	76,459,703
2	By distribution systems:							
2a	Fields .....	9,063	1,801,773	2,456,402	10,499,286	-	...	14,766,524
2b	Processing plants .....			2,125,195	12,085,293	112,999	...	14,323,487
3	Total (1 + 2) .....	9,063	1,801,773	4,581,597	89,946,501	16,926,285	...	113,265,219
4	Imports .....		-	-	-	-	4,737,294	4,737,294
5	Other receipts(1) .....		-	-	5,835	3,495	...	9,330
6	Total net receipts (3 + 4 + 5) .....	9,063	1,801,773	4,581,597	89,952,336	16,929,780	4,737,294	118,011,843
7	Received from storage .....	-	7,347,106	226,870	446,791	...	...	8,020,767
9	Total supply of gas utilities (6 + 7) .....	9,063	9,148,879	4,808,467	90,399,127	16,929,780	4,737,294	126,032,610
	<u>Disposition</u>							
	Sales:							
23	British Columbia .....	-	-	-	1,247,952	5,830,960	-	7,078,912
24	Alberta .....	-	-	-	21,773,316	-	15,489	21,788,805
25	Saskatchewan .....	-	-	4,521,310	3,065,061	-	-	7,586,371
26	Manitoba .....	-	-	-	5,049,035	-	-	5,049,035
27	Ontario .....	-	8,304,275	-	12,467,461	-	4,721,805	25,493,541
28	Quebec .....	-	-	-	3,326,149	-	-	3,326,149
29	New Brunswick .....	5,443	-	-	-	-	-	5,443
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	5,443	8,304,275	4,521,310	46,928,974	5,830,960	4,737,294	70,328,256
31	Exports .....	-	-	-	32,764,325	10,344,460	-	43,108,785
32	Other deliveries .....	-	-	-	309,621	-	-	309,621
33	Total net deliveries (30 + 31 + 32) .....	5,443	8,304,275	4,521,310	80,002,920	16,175,420	4,737,294	113,746,662
34	Delivered to storage .....	-	-	65,656	446,038	-	-	511,694
35	Line pack fluctuation .....	-	-	15,997	142,792	- 143,939	-	14,850
36	Gas used in system .....	125	24,485	133,592	3,729,183	706,174	-	4,593,559
37	Line losses and unaccounted for .....	3,495	820,119	71,912	6,078,194	192,125	-	7,165,845
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,063	9,148,879	4,808,467	90,399,127	16,929,780	4,737,294	126,032,610

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.



TABLE 4. Operating Statistics; Natural Gas Utilities

December 1966

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
December 1966:			
Daily average .....	2,720,678	2,268,653	3,685,753
Maximum(1) .....	2,941,258	...	...
Minimum(1) .....	2,583,679	...	...
Exports maximum(1) .....	1,451,381	...	1,451,381
December 1965:			
Daily average .....	2,516,249	2,068,970	3,309,993
Maximum(1) .....	2,684,636	...	...
Minimum(1) .....	2,289,114	...	...
Year to date, 1966:			
Daily average .....	2,349,732	1,741,136	3,081,939
Maximum(1) .....	2,941,258	...	...
Minimum(1) .....	1,257,664	...	...
Commodity miles:			
Mcf. miles (thousands) .....	73,919,002	..	..
Ton-miles (millions) .....	1,685	..	..
Line pack:			
Beginning of month (Mcf.) .....	8,231,878	..	..
End of month (Mcf.) .....	8,226,702	..	..
Operating revenues .....	..	\$53,955,496(2)	..

(1) Non-coincident.

(2) Estimated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

December 1966

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	15,883	192,092
Deliveries to ultimate customers .....	18,655	166,361
Line pack fluctuations .....	-	-
Gas used in system .....	-	1,826
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 2,772	23,905
Total disposition .....	15,883	192,092
Daily average sendout .....	512	6,197
Revenues .....	\$22,460	\$219,727(1)

(1) Estimated.

TABLE 6. Sales of Natural Gas

No.		December 1966			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	2,004	3,633	12,123
2	Quebec .....	86,736	204,087	1,466,361	2,224,726
3	Ontario .....	506,924	651,253	9,413,955	11,912,991
4	Manitoba .....	91,966	94,754	2,343,361	2,015,602
5	Saskatchewan .....	103,510	107,787	2,689,232	1,825,344
6	Alberta .....	234,211	240,579	6,622,275	3,312,652
7	British Columbia .....	152,151	175,944	2,638,035	4,668,396(1)
8	Canada .....	1,175,348	1,476,408	25,176,852	25,971,834
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,766	1,409,994	1,025,818
11	Ontario .....		7,007	10,886,484	11,428,501(1)
12	Manitoba .....		282	1,072,876	319,312
13	Saskatchewan .....		567	3,477,938	981,212
14	Alberta .....		553	9,844,675	1,808,962
15	British Columbia .....		256	3,100,531	1,168,308(1)
16	Canada .....		11,431	29,792,498	16,732,113
17	Firm .....		10,919	24,124,406	12,989,150
18	Interruptible .....		512	5,668,092	3,742,963
	Commercial:				
19	New Brunswick .....		57	1,810	5,443
20	Quebec .....		9,862	449,794	566,572
21	Ontario .....		56,054	5,193,102	4,854,454
22	Manitoba .....		8,450	1,632,798	1,056,332
23	Saskatchewan .....		14,333	1,419,201	746,347
24	Alberta .....		27,140	5,321,855	2,092,872
25	British Columbia .....		23,048	1,340,346	1,931,076(1)
26	Canada .....		138,944	15,358,906	11,251,549
	Total sales:				
27	New Brunswick .....		2,057	5,443	16,019
28	Quebec .....		216,715	3,326,149	3,817,116
29	Ontario .....		714,314	25,493,541	28,195,946
30	Manitoba .....		103,486	5,049,035	3,391,246
31	Saskatchewan .....		122,687	7,586,371	3,552,903
32	Alberta .....		268,272	21,788,805	7,214,486
33	British Columbia .....		199,248	7,078,912	7,767,780
34	Canada .....		1,626,783	70,328,256	53,955,496

(1) Estimated.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		December 1966		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue(1)
		No.	Mcf.	\$
1	Domestic .....	13,926	75,467	138,229
2	Industrial .....	39	1,444	1,494
3	Commercial .....	2,622	89,450	80,004
4	Totals .....	16,587	166,361	219,727

(1) Estimated.

TABLE 6. Sales of Natural Gas

December 1966		December 1965				
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.81	3.34	100	2,187	6,034	17,959	1
7.18	1.52	82,786	206,618	1,303,894	1,887,508	2
14.46	1.27	482,515	631,694	9,526,263	11,552,605	3
24.73	0.86	83,820	86,983	1,883,183	1,632,597	4
24.95	0.68	93,100	101,121	2,919,978	1,525,382	5
27.53	0.50	227,598	233,687	5,797,687	2,907,469	6
14.99	1.77	143,438	165,036	2,719,875	3,288,412	7
17.05	1.03	1,113,357	1,427,326	24,156,914	22,811,932	8
-	-	-	-	-	-	9
510	0.73	-	2,328	1,479,808	989,351	10
1,553	1.05	-	6,721	9,527,702	5,664,901	11
3,805	0.30	-	261	1,032,613	328,386	12
6,134	0.28	-	545	2,624,430	634,262	13
17,802	0.18	-	563	8,562,345	1,580,929	14
12,111	0.38	-	893	4,013,139	1,681,155	15
2,606	0.56	-	11,311	27,240,037	10,878,984	16
2,209	0.54	-	10,840	22,056,091	8,667,107	17
11,070	0.66	-	471	5,183,946	2,211,877	18
31.8	3.01	-	-	-	-	19
45.6	1.26	-	9,791	352,807	455,176	20
92.6	0.93	-	52,421	4,638,590	4,266,375	21
193.2	0.65	-	7,841	1,357,500	933,858	22
99.0	0.53	-	13,331	1,144,189	639,115	23
196.1	0.39	-	26,323	4,463,402	1,691,301	24
58.2	1.44	-	21,195	784,643	850,326	25
110.7	0.73	-	130,902	12,741,131	8,836,151	26
2.6	2.94	-	2,187	6,034	17,959	27
15.3	1.15	-	218,737	3,136,509	3,332,035	28
35.7	1.10	-	690,836	23,692,555	21,483,881	29
48.8	0.67	-	95,085	4,273,296	2,894,841	30
61.8	0.46	-	114,997	6,688,597	2,798,759	31
81.2	0.33	-	260,573	18,823,434	6,179,699	32
35.5	1.10	-	187,124	7,517,657	5,819,893	33
43.2	0.77	-	1,569,539	64,138,082	42,527,067	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

December 1965				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
2,024	3,396	5,556		1
25	2,350	2,151		2
593	12,909	14,753		3
2,642	18,655	22,460		4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	December 1966			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	3,653	-	1,820	5,473
Quebec .....	1,479,283	1,422,615	453,725	3,355,623
Ontario .....	14,331,172	10,943,001	5,222,292	30,496,465
Manitoba .....	2,361,395	1,080,718	1,676,601	5,118,714
Saskatchewan .....	2,703,833	3,496,821	1,426,906	7,627,560
Alberta .....	7,054,521	10,437,977	6,064,594	23,557,092
British Columbia .....	2,777,570	3,243,333	1,347,989	7,368,892
Canada .....	30,711,427	30,624,465	16,193,927	77,529,819

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	December 1966						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	56,614	405,774	7,353,234	3,088,289	33,870,288	44,774,403	448,913,403
Imports .....	-	4,726,916	-	15,488	-	4,742,404	44,911,507

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	December 1966	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	167,161	8,523

TABLE 11. Exports and Imports to and from the United States

December 1966

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	56,109	-
Ontario - Cornwall .....	403,354	-
Niagara Falls .....	-	1,744,286
Ojibway .....	-	2,977,519
Total Ontario .....	403,354	4,721,805
Manitoba - Emerson .....	7,287,645	-
Alberta - Aden .....	1,875,234	-
Carway .....	1,240,787	-
Coutts .....	312	15,489
Total Alberta .....	3,116,333	15,489
British Columbia - Kingsgate - U.S.A. District V South(1)	15,581,760	-
Other U.S.A. ....	4,596,999	-
Huntingdon .....	12,066,585	-
Total British Columbia .....	32,245,344	-
Canada - December 1966 .....	43,108,785	4,737,294
December 1965 .....	37,514,400	3,852,032
Year to date - 1966 .....	431,818,191	44,606,905
1965 .....	404,709,025	17,745,771
Value - 1966 .....	10,968,161	2,093,930
1965 .....	9,439,054	1,749,000

(1) California, Nevada, Arizona.





CATALOGUE No.

55-002

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 9, No. 1

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

JANUARY 1967

During January field gathering systems and processing plants delivered to gas utilities 116,379,947 Mcf. of natural gas. The transport systems accounted for 87,236,716 Mcf. and the distribution systems 29,143,231 Mcf. Natural gas imported from the U.S.A. was 4,379,773 Mcf. and the volume recovered from storage was 9,701,942 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume	% of total supply	% increase over Jan. 1966	Revenue	% of total revenue
	'000 Mcf.			\$'000	
Ultimate customers .....	79,072	60.6	6.7	56,904	85.1
Exports .....	43,701	33.5	13.1	9,970	14.9
Other uses and adjustments .....	7,712	5.9	...	...	...
Totals .....	130,485	100.0	4.3	66,874	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 75.9 billion commodity (Mcf.) miles (1,730 million ton miles) during January compared with 72.9 billion (Mcf.) miles (1,662 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.5 million Mcf.

Alberta natural gas utilities receipts totalled 93.6 billion cubic feet; of this 24.3 per cent was sold to ultimate customers in Alberta, 19.2 per cent in Ontario, 3.6 per cent in Quebec, 3.9 per cent in Saskatchewan, 1.3 per cent in British Columbia and 6.3 per cent in Manitoba. Exports accounted for 35.0 per cent and the remaining 6.4 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during January compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales	% of total sales	% increase over Jan. 1966	Revenue	% of sales revenue	Number of customers
	'000 Mcf.			\$'000		'000
Residential .....	31,158	39.4	0.8	30,363	53.3	1,485
Industrial .....	29,419	37.2	10.2	12,397	21.8	11
Commercial .....	18,495	23.4	12.0	14,144	24.9	140
Totals .....	79,072	100.0	6.7	56,904	100.0	1,636

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

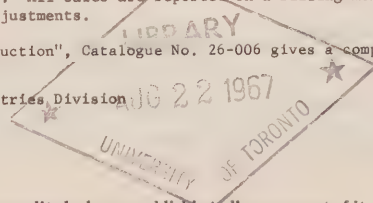
August 1967  
503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1967

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	10,062	110	1,771,385
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	10,062	110	1,771,385
4	Imports .....	-	-	4,363,243
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	10,062	110	6,134,628
7	Received from storage .....	-	-	7,791,868
9	Total supply of gas utilities (6 + 7) .....	10,062	110	13,926,496
	Transfers from:			
11	Other provinces .....	-	3,468,113	23,704,500
12	Distribution to transport (primary) .....	-	-	1,020,684
13	Other gas utilities .....	-	3,240,147	30,131,379
19	Total gross receipts (9 + 11 + 12 + 13) ...	10,062	6,708,370	68,783,059
	<u>Disposition</u>			
	Sales:			
20	Residential .....	4,454	1,580,948	13,567,076
21	Industrial .....	-	1,254,983	11,551,624
22	Commercial .....	2,311	495,060	6,690,686
30	Total sales (20 + 21 + 22) .....	6,765	3,330,991	31,809,386
31	Exports .....	-	61,367	360,029
32	Other deliveries .....	-	-	2,850
33	Total net deliveries (30 + 31 + 32) .....	6,765	3,392,358	32,172,265
34	Delivered to storage .....	-	-	37,809
35	Line pack fluctuation .....	-	114	- 13,320
36	Gas used in system .....	121	9,153	2,230,951
37	Line losses and unaccounted for .....	3,176	66,598	- 264,822
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	10,062	3,468,223	34,162,883
	Transfers to:			
40	Other provinces .....	-	-	3,468,113
41	Distribution by transport (primary) .....	-	3,240,147	20,415,037
42	Other gas utilities .....	-	-	10,737,026
49	Total disposition (39 + 40 + 41 + 42) .....	10,062	6,708,370	68,783,059

(1) Includes peak shaving and enrichment.

... Not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1967

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	January 1966	No.
					Canada	
Mcf.						
-	-	7,905,202	560,063	8,465,265	10,462,945	1a
-	-	61,190,874	17,580,577	78,771,451	73,537,156	1b
-	2,151,656	10,419,001	-	14,352,214	15,425,563	2a
-	2,168,040	12,503,122	119,855	14,791,017	12,687,509	2b
-	4,319,696	92,018,199	18,260,495	116,379,947	112,113,173	3
-	-	16,530	-	4,379,773	3,219,680	4
5,042(1)	-	-	18,641(1)	23,683(1)	2,357	5
5,042	4,319,696	92,034,729	18,279,136	120,783,403	115,335,210	6
-	357,481	1,552,593	-	9,701,942	9,757,678	7
5,042	4,677,177	93,587,322	18,279,136	130,485,345	125,092,888	9
37,362,993	41,965,594	-	23,640,282	...	...	11
-	3,314,740	2,009,790	-	6,345,214	1,239,865	12
5,958,882	3,377,425	5,947,432	7,767,180	56,422,445	58,643,485	13
43,326,917	53,334,936	101,544,544	49,686,598	193,253,004	184,976,238	19
2,882,300	3,088,442	7,187,077	2,847,987	31,158,284	30,900,098	20
1,086,482	2,892,768	9,522,368	3,100,563	29,418,788	26,694,952	21
1,953,826	1,746,412	6,042,367	1,564,133	18,494,795	16,511,102	22
5,922,608	7,727,622	22,751,812	7,522,683	79,071,867	74,106,152	30
7,129,051	-	3,046,718	33,103,733	43,700,898	38,644,552	31
-	-	238,984	-	241,834	258,781	32
13,051,659	7,727,622	26,037,514	40,626,416	123,014,599	113,009,485	33
-	38,231	235,885	-	311,925	419,697	34
- 9,990	- 46,448	66,408	32,413	29,177	96,608	35
535,612	1,065,674	288,865	970,668	5,101,044	4,998,364	36
86,254	494,699	1,352,774	289,921	2,028,600	6,568,734	37
13,663,535	9,279,778	27,981,446	41,919,418	130,485,345	125,092,888	39
23,704,500	37,362,993	65,605,876	-	...	...	40
5,958,882	3,377,425	2,247,786	7,563,800	42,803,077	43,778,424	41
-	3,314,740	5,709,436	203,380	19,964,582	16,104,926	42
43,326,917	53,334,936	101,544,544	49,686,598	193,253,004	184,976,238	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,465,265				
1b	Processing plants .....	78,771,451				
2	By distribution systems:					
2a	Fields .....	14,352,214				
2b	Processing plants .....	14,791,017				
3	Total (1 + 2) .....	116,379,947				
4	Imports .....	4,379,773				
5	Other receipts(1) .....	23,683(1)				
6	Total net receipts (3 + 4 + 5) .....	120,783,403				
7	Received from storage .....	9,701,942				
9	Total supply of gas utilities (6 + 7) .....	130,485,345				
	Transfers from:					
11	Other provinces .....	...				
12	Distribution to transport (primary) .....	6,345,214				
13	Other gas utilities .....	56,422,445				
19	Total gross receipts (9 + 11 + 12 + 13) ...	193,253,004				
	<u>Disposition</u>					
	Sales:					
20	Residential .....	31,158,284				
21	Industrial .....	29,418,788				
22	Commercial .....	18,494,795				
30	Total sales (20 + 21 + 22) .....	79,071,867				
31	Exports .....	43,700,898				
32	Other deliveries .....	241,834				
33	Total net deliveries (30 + 31 + 32) .....	123,014,599				
34	Delivered to storage .....	311,925				
35	Line pack fluctuation .....	29,177				
36	Gas used in system .....	5,101,044				
37	Line losses and unaccounted for .....	2,028,600				
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	130,485,345				
	Transfers to:					
40	Other provinces .....	...				
41	Distribution by transport (primary) .....	42,803,077				
42	Other gas utilities .....	19,964,582				
49	Total disposition (39 + 40 + 41 + 42) .....	193,253,004				

(1) Includes peak shaving and enrichment.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

June	July	August	September	October	November	December	Year to date		No.
							1967	1966	
				Mcf.					
							8,465,265 78,771,451	10,462,945 73,537,156	1a 1b
							14,352,214 14,791,017	15,425,563 12,687,509	2a 2b
							116,379,947	112,113,173	3
							4,379,773 23,683	3,219,680 2,357	4 5
							120,783,403	115,333,210	6
							9,701,942	9,757,678	7
							130,485,345	125,092,888	9
							6,345,214 56,422,445	1,239,865 58,643,485	11 12 13
							193,253,004	184,976,238	19
							31,158,284 29,418,788 18,494,795	30,900,098 26,694,952 16,511,102	20 21 22
							79,071,867	74,106,152	30
							43,700,898 241,834	38,644,552 258,781	31 32
							123,014,599	113,009,485	33
							311,925 29,177	419,697 96,608	34 35
							5,101,044 2,028,600	4,998,364 6,568,734	36 37
							130,485,345	125,092,888	39
							42,803,077 19,964,582	43,778,424 16,104,926	40 41 42
							193,253,004	184,976,238	49

... Not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

January 1967

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	7,905,202	560,063	...	8,465,265
1b	Processing plants .....	-	-	-	-	61,190,874	17,580,577	...	78,771,451
2	By distribution systems:								
2a	Fields .....	10,062	110	1,771,385	2,151,656	10,419,001	-	...	14,352,214
2b	Processing plants .....	-	-	-	2,168,040	12,503,122	119,855	...	14,791,017
3	Total (1 + 2) .....	10,062	110	1,771,385	4,319,696	92,018,199	18,260,495	...	116,379,947
4	Imports .....	-	-	-	-	-	-	4,379,773	4,379,773
5	Other receipts(1) .....	-	-	-	-	5,042	18,641(1)	...	23,683(1)
6	Total net receipts (3 + 4 + 5) .....	10,062	110	1,771,385	4,319,696	92,023,241	18,279,136	4,379,773	120,783,403
7	Received from storage .....	-	-	7,791,868	357,481	1,552,593	-	...	9,701,942
9	Total supply of gas utilities (6 + 7) .....	10,062	110	9,563,253	4,677,177	93,575,834	18,279,136	4,379,773	130,485,345
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	1,239,934	6,282,749	-	7,522,683
24	Alberta .....	-	-	-	-	22,740,227	-	11,585	22,751,812
25	Saskatchewan .....	-	-	-	4,065,631	3,661,991	-	-	7,727,622
26	Manitoba .....	-	-	-	-	5,922,608	-	-	5,922,608
27	Ontario .....	-	-	9,499,038	-	17,947,105	-	4,363,243	31,809,386
28	Quebec .....	-	110	-	-	3,330,881	-	-	3,330,991
29	New Brunswick .....	6,765	-	-	-	-	-	-	6,765
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	6,765	110	9,499,038	4,065,631	54,842,746	6,282,749	4,374,828	79,071,867
31	Exports .....	-	-	-	-	32,750,995	10,949,903	-	43,700,898
32	Other deliveries .....	-	-	-	-	236,579	-	5,255	241,834
33	Total net deliveries (30 + 31 + 32) .....	6,765	110	9,499,038	4,065,631	87,830,320	17,232,652	4,380,083	123,014,599
34	Delivered to storage .....	-	-	-	38,231	273,694	-	-	311,925
35	Line pack fluctuation .....	-	-	-	- 3,160	- 14,073	46,410	-	29,177
36	Gas used in system .....	121	-	31,105	179,654	4,093,495	796,669	-	5,101,044
37	Line losses and unaccounted for .....	3,176	-	33,110	396,821	1,392,398	203,405	- 310	2,028,600
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	10,062	110	9,563,253	4,677,177	93,575,834	18,279,136	4,379,773	130,485,345

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

January 1967

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
January 1967:			
Daily average .....	2,790,451	2,550,705	3,978,275
Maximum(1) .....	3,039,856	...	...
Minimum(1) .....	2,542,371	...	...
Exports maximum(1) .....	1,505,524	...	1,505,524
January 1966:			
Daily average .....	2,658,805	2,390,521	3,659,006
Maximum(1) .....	2,834,533	...	...
Minimum(1) .....	2,489,158	...	...
Year to date 1967:			
Daily average .....	2,790,451	2,550,705	3,978,275
Maximum(1) .....	3,039,856	...	...
Minimum(1) .....	2,542,371	...	...
Commodity miles:			
Mcf. miles (thousands) .....	75,899,064	...	..
Ton-miles (millions) .....	1,730	...	..
Line pack:			
Beginning of month (Mcf.) .....	8,226,702	..	..
End of month (Mcf.) .....	8,272,666	..	..
Operating revenues .....	..	\$56,904,573(2)	..

(1) Non-coincident.

(2) Estimated.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

January 1967

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	23,182	194,168
Deliveries to ultimate customers .....	25,821	172,954
Line pack fluctuations .....	-	-
Gas used in system .....	-	3,862
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 2,639	17,352
Total disposition .....	23,182	194,168
Daily average sendout .....	747	6,263
Revenues .....	31,730	283,908(1)

(1) Estimated.

TABLE 6. Sales of Natural Gas

No.		January 1967			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	1,998	4,454	13,955
2	Quebec .....	87,565	204,629	1,580,948	2,262,109
3	Ontario .....	515,859(1)	654,388	13,567,076	15,920,451
4	Manitoba .....	92,668	95,410	2,882,300	2,446,781
5	Saskatchewan .....	105,094	109,434	3,088,442	2,050,671
6	Alberta .....	235,885	242,074	7,187,077	3,530,447
7	British Columbia .....	156,376	176,683	2,847,987	4,138,927(1)
8	Canada .....	1,193,547	1,484,616	31,158,284	30,363,341
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,383	1,254,983	931,146
11	Ontario .....		7,115	11,551,624	7,166,006
12	Manitoba .....		281	1,086,482	371,014
13	Saskatchewan .....		572	2,892,768	808,926
14	Alberta .....		551	9,522,368	1,825,333
15	British Columbia .....		203	3,110,563	1,294,765(1)
16	Canada .....		11,105	29,418,788	12,397,190
17	Firm .....		10,581	25,353,546	10,750,726
18	Interruptible .....		524	4,065,242	1,646,464
	Commercial:				
19	New Brunswick .....		58	2,311	4,666
20	Quebec .....		9,968	495,060	612,862
21	Ontario .....		56,618	6,690,686	6,194,682
22	Manitoba .....		8,506	1,953,826	1,302,802
23	Saskatchewan .....		14,818	1,746,412	885,803
24	Alberta .....		27,375	6,042,367	3,379,551
25	British Columbia .....		23,262	1,564,133	1,763,676(1)
26	Canada .....		140,605	18,494,795	14,144,042
	Total sales:				
27	New Brunswick .....		2,056	6,765	18,621
28	Quebec .....		216,980	3,330,991	3,806,117
29	Ontario .....		718,121	31,809,386	29,281,139
30	Manitoba .....		104,197	5,922,608	4,120,597
31	Saskatchewan .....		124,824	7,727,622	3,745,400
32	Alberta .....		270,000	22,751,812	8,735,331
33	British Columbia .....		200,148	7,522,683	7,197,368(1)
34	Canada .....		1,636,326	79,071,867	56,904,573

(1) Estimated.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		January 1967		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue(1)
		No.	Mcf.	\$
1	Domestic .....	14,035	81,728	148,326
2	Industrial .....	38	838	862
3	Commercial .....	2,645	96,909	81,223
4	Totals .....	16,718	179,475	230,411

(1) Estimated.

TABLE 6. Sales of Natural Gas

		January 1966				
Sales per customer Mcf.	Revenue per Mcf. \$	Customers		Gas sold Mcf.	Revenue \$	No.
		Space heating No.	Total			
2.2	3.13	100	2,135	8,601	22,597	1
7.7	1.43	83,659	206,554	1,692,161	2,392,553	2
20.7	1.17	484,669(1)	634,233	12,205,617	14,457,854	3
30.2	0.85	84,416	87,464	2,592,131	2,201,673	4
28.2	0.66	97,435(1)	101,435	3,079,359	2,015,072	5
29.7	0.49	228,905(1)	234,925	8,417,526	4,001,516	6
16.1	1.45	144,653(1)	166,007	2,904,703	3,429,416	7
21.0	0.97	1,123,837	1,432,753	30,900,098	28,520,681	8
-	-	-	-	-	-	9
527	0.74	-	2,336	1,292,032	960,196	10
1,624	0.62	-	6,757	8,814,460	5,635,469	11
3,866	0.34	-	266	975,644	320,958	12
5,057	0.28	-	806	2,842,463	731,818	13
17,282	0.19	-	570	8,840,647	1,581,682	14
15,323	0.42(1)	-	868	3,929,706	1,715,476	15
2,649	0.42	-	11,603	26,694,952	10,945,599	16
-	-	-	11,129	22,947,710	9,340,553	17
-	-	-	474	3,747,242	1,605,046	18
39.8	2.02	-	-	-	-	19
49.7	1.24	-	9,880	449,185	572,167	20
118.2	0.93	-	53,039	5,485,767	5,117,532	21
229.7	0.67	-	7,920	1,764,219	1,170,809	22
117.9	0.51	-	13,445	1,595,651	843,303	23
220.7	0.56	-	26,436	6,149,343	2,312,904	24
67.2	1.13	-	21,332	1,066,937	1,122,547	25
131.5	0.76	-	132,052	16,511,102	11,139,262	26
3.3	2.75	-	2,135	8,601	22,597	27
15.3	1.14	-	218,770	3,433,378	3,924,916	28
44.3	0.92	-	694,029	26,505,844	25,210,855	29
56.8	0.70	-	95,650	5,331,994	3,693,440	30
61.9	0.48	-	115,686	7,517,473	3,590,193	31
84.3	0.38	-	261,931	23,407,516	7,896,102	32
37.6	0.96	-	188,207	7,901,346	6,267,439	33
48.3	0.72	-	1,576,408	74,106,152	50,605,542	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

January 1967				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
2,000	10,336	14,164	1	
29	46,588	16,428	2	
586	13,667	15,908	3	
2,615	70,591	46,510	4	



TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	January 1967			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	4,454	-	2,311	6,765
Quebec .....	1,594,798	1,266,236	499,344	3,360,378
Ontario .....	13,645,870	11,616,068	6,728,389	31,990,327
Manitoba .....	2,909,640	1,096,243	1,975,123	5,981,006
Saskatchewan .....	3,105,210	2,908,474	1,755,894	7,769,578
Alberta .....	7,707,817	10,416,313	6,100,720	24,224,850
British Columbia .....	3,010,390	3,272,429	1,648,777	7,931,596
Canada .....	31,978,179	30,575,763	18,710,558	81,264,500

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	January 1967						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	61,797	362,189	7,178,954	3,045,763	34,806,880	45,455,583	45,455,583
Imports .....	-	4,359,415	-	16,674	-	4,376,089	4,376,089

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	January 1967	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	157,997	32,170

TABLE 11. Exports and Imports to and from the United States

January 1967

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	61,367	-
Ontario - Cornwall .....	360,029	-
Niagara Falls .....	-	1,684,057
Ojibway .....	-	2,679,186
Total Ontario .....	360,029	4,363,243
Manitoba - Emerson .....	7,129,051	-
Alberta - Aden .....	1,811,996	-
Carway .....	1,234,698	-
Coutts .....	24	16,530
Total Alberta .....	3,046,718	16,530
British Columbia - Kingsgate - U.S.A. District V South(1)	15,949,375	-
Other U.S.A. ....	4,655,700	-
Huntingdon .....	12,498,658	-
Total British Columbia .....	33,103,733	-
Canada - January 1967 .....	43,700,898	4,379,773
January 1966 .....	38,644,552	3,219,680
Year to date - 1967 .....	43,700,898	4,379,773
1966 .....	38,644,552	3,219,680
Value - 1967 .....	9,969,824	3,857,312
1966 .....	9,792,418	1,940,564

(1) California, Nevada, Arizona.



## CATALOGUE No.

55-002

MONTHLY

## DOMINION BUREAU OF STATISTICS

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SEP 19 1967

UNIVERSITY OF OTTAWA  
GAS UTILITIES  
(Transport and Distribution Systems)

FEBRUARY 1967

Vol. 9, No. 2

Price: 20 cents, \$2.00 a year

During February field gathering systems and processing plants delivered to gas utilities 103,331,427 Mcf. of natural gas. The transport systems accounted for 77,786,464 Mcf. and the distribution systems 25,544,963 Mcf. Natural gas imported from the U.S.A. was 3,837,708 Mcf. and the volume recovered from storage was 12,845,362 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over February 1966	Revenue \$'000	% of total revenue
Ultimate customers .....	76,209	63.5	7.0	54,583	89.9
Exports .....	40,121	33.4	15.4	6,146	10.1
Other uses and adjustments .....	3,698	3.1	...	...	...
Totals .....	120,028	100.0	14.3	60,729	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 66.3 billion commodity (Mcf.) miles (1,512 million ton miles) during February compared with 64.9 billion (Mcf.) miles (1,479 million ton miles) last year. The daily average deliveries of gas utilities amounted to 4.2 million Mcf.

Alberta natural gas utilities receipts totalled 81.7 billion cubic feet; of this 26.2 per cent was sold to ultimate customers in Alberta, 16.5 per cent in Ontario, 4.0 per cent in Quebec, 4.2 per cent in Saskatchewan, 1.3 per cent in British Columbia and 6.8 per cent in Manitoba. Exports accounted for 37.0 per cent and the remaining 4.0 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during February compared to the same month for the previous year. Details are contained in the following table.

Sales category	Sales '000 Mcf.	% of total sales	% increase over February 1966	Revenue \$'000	% of sales revenue	Number of customers '000
Residential .....	30,688	40.3	1.8	29,881	54.8	1,487
Industrial .....	27,288	35.8	8.6	11,644	21.3	11
Commercial .....	18,233	23.9	14.1	13,058	23.9	141
Totals .....	76,209	100.0	7.0	54,583	100.0	1,639

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

August 1967  
5503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

February 1967

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	11,267	1,130	1,503,135
2b	Processing plants .....		-	-
3	Total (1 + 2) .....	11,267	1,130	1,503,135
4	Imports .....		-	3,824,871
5	Other receipts(1) .....		-	-
6	Total net receipts (3 + 4 + 5) .....	11,267	1,130	5,328,006
7	Received from storage .....	-	-	12,199,337
9	Total supply of gas utilities (6 + 7) .....	11,267	1,130	17,527,343
	Transfers from:			
11	Other provinces .....	-	3,458,797	19,846,349
12	Distribution to transport (primary) .....	-	-	619,096
13	Other gas utilities .....	-	3,210,855	28,631,988
19	Total gross receipts (9 + 11 + 12 + 13) .....	11,267	6,670,782	66,624,776
	<u>Disposition</u>			
	Sales:			
20	Residential .....	4,162	1,713,771	13,500,642
21	Industrial .....	-	989,959	10,533,453
22	Commercial .....	2,299	561,039	6,660,918
30	Total sales (20 + 21 + 22) .....	6,461	3,264,769	30,695,013
31	Exports .....	-	67,100	355,490
32	Other deliveries .....	-	-	3,139
33	Total net deliveries (30 + 31 + 32) .....	6,461	3,331,869	31,053,642
34	Delivered to storage .....	-	-	164,607
35	Line pack fluctuation .....	-	- 1,661	18,766
36	Gas used in system .....	151	66,076	1,721,813
37	Line losses and unaccounted for .....	4,655	63,643	956,067
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	11,267	3,459,927	33,914,895
	Transfers to:			
40	Other provinces .....	-	-	3,458,797
41	Distribution by transport (primary) .....	-	3,210,855	17,991,866
42	Other gas utilities .....	-	-	11,259,218
49	Total disposition (39 + 40 + 41 + 42) .....	11,267	6,670,782	66,624,776

(1) Includes peak shaving and enrichment.



TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

February 1967

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	February 1966	No.
					Canada	
Mcf.						
-	-	7,124,497	464,626	7,589,123	9,199,677	1a
-	-	54,184,820	16,012,521	70,197,341	64,527,919	1b
-	1,871,947	9,668,718	-	13,056,197	10,866,000	2a
-	1,896,390	10,495,965	96,411	12,488,766	10,993,992	2b
-	3,768,337	81,474,000	16,573,558	103,331,427	95,587,588	3
-	-	12,837	-	3,837,708	2,861,093	4
13,514	-	-	-	13,514	- 564	5
13,514	3,768,337	81,486,837	16,573,558	107,182,649	98,448,117	6
-	447,651	198,374	-	12,845,362	6,568,074	7
13,514	4,215,988	81,685,211	16,573,558	120,028,011	105,016,191	9
32,467,818	36,600,607	-	21,853,604	-	-	11
-	3,061,630	1,446,604	-	5,127,330	667,774	12
5,660,077	2,998,081	5,470,959	7,281,789	53,253,749	49,635,064	13
38,141,409	46,876,306	88,602,774	45,708,951	178,409,090	155,319,029	19
2,696,062	3,246,941	7,084,794	2,441,517	30,687,889	30,127,488	20
1,007,092	2,946,323	8,486,941	3,324,412	27,288,180	25,119,783	21
1,919,777	1,781,407	5,809,944	1,497,170	18,232,554	15,985,229	22
5,622,931	7,974,671	21,381,679	7,263,099	76,208,623	71,232,500	30
6,519,641	-	2,782,082	30,396,843	40,121,156	34,761,484	31
-	-	91,469	-	94,608	266,370	32
12,142,572	7,974,671	24,255,230	37,659,942	116,424,387	106,260,354	33
-	244,691	266,142	-	675,440	813,407	34
- 7,455	69,061	- 135,516	- 182,035	- 238,840	- 62,730	35
407,692	841,249	212,993	1,057,662	4,307,636	4,409,579	36
92,174	- 780,895	- 1,367,849	- 108,407	- 1,140,612	- 6,404,419	37
12,634,983	8,348,777	23,231,000	38,427,162	120,028,011	105,016,191	39
19,846,349	32,467,818	58,454,211	-	-	-	40
5,660,077	2,998,081	1,662,890	7,094,483	38,618,252	37,511,726	41
-	3,061,630	5,254,673	187,306	19,762,827	12,791,112	42
38,141,409	46,876,306	88,602,774	45,708,951	178,409,090	155,319,029	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,465,265	7,589,123			
1b	Processing plants .....	78,771,451	70,197,341			
2	By distribution systems:					
2a	Fields .....	14,352,214	13,056,197			
2b	Processing plants .....	14,791,017	12,488,766			
3	Total (1 + 2) .....	116,379,947	103,331,427			
4	Imports .....	4,379,773	3,837,708			
5	Other receipts(1) .....	23,683	13,514			
6	Total net receipts (3 + 4 + 5) .....	120,783,403	107,182,649			
7	Received from storage .....	9,701,942	12,845,362			
9	Total supply of gas utilities (6 + 7) .....	130,485,345	120,028,011			
	Transfers from:					
11	Other provinces .....	...	...			
12	Distribution to transport (primary) .....	6,345,214	5,127,330			
13	Other gas utilities .....	56,422,445	53,253,749			
19	Total gross receipts (9 + 11 + 12 + 13) ...	193,253,004	178,409,090			
	<u>Disposition</u>					
	Sales:					
20	Residential .....	31,158,284	30,687,889			
21	Industrial .....	29,418,788	27,288,180			
22	Commercial .....	18,494,795	18,232,554			
30	Total sales (20 + 21 + 22) .....	79,071,867	76,208,623			
31	Exports .....	43,700,898	40,121,156			
32	Other deliveries .....	241,834	94,608			
33	Total net deliveries (30 + 31 + 32) .....	123,014,599	116,424,387			
34	Delivered to storage .....	311,925	675,440			
35	Line pack fluctuation .....	29,177	- 238,840			
36	Gas used in system .....	5,101,044	4,307,636			
37	Line losses and unaccounted for .....	2,028,600	- 1,140,612			
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	130,485,345	120,028,011			
	Transfers to:					
40	Other provinces .....	...	...			
41	Distribution by transport (primary) .....	42,803,077	38,618,252			
42	Other gas utilities .....	19,964,582	19,762,827			
49	Total disposition (39 + 40 + 41 + 42) .....	193,253,004	178,409,090			

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

June	July	August	September	October	November	December	Year to date		No.
							1967	1966	
Mcf.									
							16,054,388 148,968,792	19,662,622 138,065,075	1a 1b
							27,408,411 27,279,783	26,291,563 23,681,501	2a 2b
							219,711,374	207,700,761	3
							8,217,481 37,197	6,080,773 1,793	4 5
							227,966,052	213,783,327	6
							22,547,304	16,325,752	7
							250,513,356	230,109,079	9
							11,472,544 109,676,194	1,907,639 108,278,549	11 12 13
							371,662,094	340,295,267	19
							61,846,173 56,706,968 36,727,349	61,027,586 51,814,735 32,496,331	20 21 22
							155,280,490	145,338,652	30
							83,822,054 336,442	73,406,036 525,151	31 32
							239,438,986	219,269,839	33
							987,365 - 209,663	1,233,104 33,878	34 35
							9,408,680 887,988	9,407,943 164,315	36 37
							250,513,356	230,109,079	39
							81,421,329 39,727,409	81,290,150 28,896,038	40 41 42
							371,662,094	340,295,267	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

February 1967

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	7,124,497	464,626	-	7,589,123
1b	Processing plants .....	-	-	-	-	54,184,820	16,012,521	-	70,197,341
2	By distribution systems:								
2a	Fields .....	11,267	1,130	1,503,135	1,871,947	9,668,718	-	-	13,056,197
2b	Processing plants .....	-	-	-	1,896,390	10,495,965	96,411	-	12,488,766
3	Total (1 + 2) .....	11,267	1,130	1,503,135	3,768,337	81,474,000	16,573,558	-	103,331,427
4	Imports .....	-	-	-	-	-	-	3,837,708	3,837,708
5	Other receipts (1) .....	-	-	-	-	13,514	-	-	13,514
6	Total net receipts (3 + 4 + 5) .....	11,267	1,130	1,503,135	3,768,337	81,487,514	16,573,558	3,837,708	107,182,649
7	Received from storage .....	-	-	12,199,337	447,651	198,374	-	-	12,845,362
9	Total supply of gas utilities (6 + 7) .....	11,267	1,130	13,702,472	4,215,988	81,685,888	16,573,558	3,837,708	120,028,011
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	1,095,819	6,167,280	-	7,263,099
24	Alberta .....	-	-	-	-	21,372,813	-	8,866	21,381,679
25	Saskatchewan .....	-	-	-	4,558,426	3,416,195	-	-	7,974,621
26	Manitoba .....	-	-	-	63,549	5,559,382	-	-	5,622,931
27	Ontario .....	-	-	13,367,616	-	13,502,526	-	3,824,871	30,695,013
28	Quebec .....	-	1,130	-	-	3,263,639	-	-	3,264,769
29	New Brunswick .....	6,461	-	-	-	-	-	-	6,461
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	6,461	1,130	13,367,616	4,622,025	48,210,374	6,167,280	3,833,737	76,208,623
31	Exports .....	-	-	-	-	30,195,311	9,925,825	-	40,121,156
32	Other deliveries .....	-	-	-	-	89,588	-	5,020	94,608
33	Total net deliveries (30 + 31 + 32) .....	6,461	1,130	13,367,616	4,622,025	78,495,273	16,093,125	3,838,757	116,424,387
34	Delivered to storage .....	-	-	-	244,691	430,749	-	-	675,440
35	Line pack fluctuation .....	-	-	-	11,306	- 61,500	- 188,646	-	- 238,840
36	Gas used in system .....	151	-	31,477	168,693	3,221,842	885,473	-	4,307,636
37	Line losses and unaccounted for .....	4,655	-	303,379	- 830,727	- 400,476	- 216,394	- 1,049	- 1,140,612
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	11,267	1,130	13,702,472	4,215,988	81,685,888	16,573,558	3,837,708	120,028,011

(1) Includes peak shaving and enrichment.

TABLE 4. Operating Statistics: Natural Gas Utilities

February 1967

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
February 1967:			
Daily average .....	2,812,121	2,721,737	4,182,136
Maximum(1) .....	3,063,732	...	...
Minimum(1) .....	2,586,086	...	...
Exports maximum(1) .....	1,496,757	...	...
February 1966:			
Daily average .....	2,581,186	2,544,018	3,737,338
Maximum(1) .....	2,741,786	...	...
Minimum(1) .....	2,401,658	...	...
Year to date 1967:			
Daily average .....	2,619,995	2,757,451	4,075,023
Maximum(1) .....	3,063,732	...	...
Minimum(1) .....	2,542,371	...	...
Commodity miles:			
Mcf. miles (thousands) .....	66,304,017	..	..
Ton-miles (millions) .....	1,512	..	..
Line pack:			
Beginning of month (Mcf.) .....	8,272,666	..	..
End of month (Mcf.) .....	10,400,559	..	..
Operating revenues .....	..	54,582,793	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

February 1967

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	36,348	159,331
Deliveries to ultimate customers .....	30,693	122,242
Line pack fluctuations .....	-	5,423
Gas used in system .....	- 5,423	1,623
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	11,078	30,043
Total disposition .....	36,348	159,331
Daily average sendout .....	1,298	5,690
Revenues .....	\$25,783	\$220,393



TABLE 6. Sales of Natural Gas

No.		February 1967			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	1,988	4,162	14,067
2	Quebec .....	88,137	205,044	1,713,771	2,503,447
3	Ontario .....	516,425	654,882	13,500,642	15,890,132
4	Manitoba .....	93,268	95,994	2,696,062	2,402,369
5	Saskatchewan .....	105,129	109,470	3,246,941	2,137,211
6	Alberta .....	238,510	242,682	7,084,794	3,450,731
7	British Columbia .....	157,125	177,378	2,441,517	3,482,724
8	Canada .....	1,198,694	1,487,438	30,687,889	29,880,681
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....	2,240	2,240	989,959	751,983
11	Ontario .....	7,064	7,064	10,533,453	6,684,712
12	Manitoba .....	268	268	1,007,092	343,059
13	Saskatchewan .....	577	577	2,946,323	873,218
14	Alberta .....	523	523	8,486,941	1,640,254
15	British Columbia .....	228	228	3,324,412	1,350,621
16	Canada .....	10,900	10,900	27,288,180	11,643,847
17	Firm .....		10,564	23,931,511	9,895,284
18	Interruptible .....		336	3,356,669	1,748,563
	Commercial:				
19	New Brunswick .....	58	58	2,299	4,614
20	Quebec .....	10,094	10,094	561,039	674,231
21	Ontario .....	56,593	56,593	6,660,918	6,129,146
22	Manitoba .....	8,580	8,580	1,919,777	1,284,208
23	Saskatchewan .....	14,857	14,857	1,781,407	938,961
24	Alberta .....	27,482	27,482	5,809,944	2,078,502
25	British Columbia .....	23,459	23,459	1,497,170	1,948,603
26	Canada .....	141,123	141,123	18,232,554	13,058,265
	Total sales:				
27	New Brunswick .....	2,046	2,046	6,461	18,681
28	Quebec .....	217,378	217,378	3,264,769	3,929,661
29	Ontario .....	718,539	718,539	30,695,013	28,703,990
30	Manitoba .....	104,842	104,842	5,622,931	4,029,636
31	Saskatchewan .....	124,904	124,904	7,974,671	3,949,390
32	Alberta .....	270,687	270,687	21,381,679	7,169,487
33	British Columbia .....	201,065	201,065	7,263,099	6,781,948
34	Canada .....	1,639,461	1,639,461	76,208,623	54,582,793

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		February 1967		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	13,994	74,968	137,403
2	Industrial .....	36	2,252	2,328
3	Commercial .....	2,644	45,021	80,662
4	Total .....	16,674	122,242	220,393

TABLE 6. Sales of Natural Gas

February 1967			February 1966			
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
2.1	3.38	100	2,175	5,982	17,827	1
8.3	1.46	84,261	206,868	1,389,156	1,965,554	2
20.2	1.18	489,084	634,499	13,233,792	15,553,129	3
28.0	0.89	84,706	87,691	2,524,005	2,142,909	4
29.6	0.66	98,037	102,086	3,352,320	2,165,287	5
29.1	0.49	229,579	235,600	7,381,468	3,594,738	6
13.7	1.43	145,213	167,061	2,240,765	2,638,028	7
20.6	0.97	1,130,980	1,435,980	30,127,488	28,077,472	8
-	-	-	-	-	-	9
44.2	0.76	-	2,341	1,264,114	904,250	10
1,491	0.63	-	6,816	8,660,690	4,359,365	11
3,757	0.34	-	266	714,738	258,919	12
5,106	0.30	-	818	3,080,339	812,141	13
16,227	0.19	-	570	7,549,510	1,384,332	14
14,580	0.41	-	905	3,850,392	1,690,554	15
2,504	0.43	-	11,716	25,119,783	9,409,561	16
-	-	-	11,246	21,559,824	7,887,845	17
-	-	-	470	3,559,959	1,521,716	18
39.6	2.01	-	-	-	-	19
55.6	1.20	-	9,908	395,826	501,223	20
117.7	0.92	-	53,402	5,650,496	5,312,223	21
223.8	0.67	-	7,956	1,814,699	1,195,900	22
119.9	0.53	-	13,642	1,770,112	932,461	23
211.4	0.36	-	26,527	5,394,202	2,065,193	24
63.8	1.31	-	21,440	959,894	1,008,958	25
129.2	0.72	-	132,875	15,985,229	11,015,958	26
3.2	2.89	-	2,175	5,982	17,827	27
15.0	1.20	-	219,117	3,049,096	3,371,027	28
42.7	0.94	-	694,717	27,544,978	25,224,717	29
53.6	0.72	-	95,913	5,053,442	3,597,728	30
63.8	0.50	-	116,546	8,202,771	3,909,889	31
79.0	0.34	-	262,697	20,325,180	7,044,263	32
36.1	0.93	-	189,406	7,051,051	5,337,540	33
46.5	0.72	-	1,580,571	71,232,500	48,502,991	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

February 1967				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
1,986	3,917	5,299		1
29	14,196	6,273		2
577	12,580	14,211		3
2,592	30,693	25,783		4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	February 1967			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	4,162	-	2,298	6,460
Quebec .....	1,719,226	993,154	563,185	3,275,565
Ontario .....	13,581,651	9,566,525	6,716,789	29,864,965
Manitoba .....	2,717,233	1,014,438	1,937,269	5,668,940
Saskatchewan .....	3,264,570	2,270,195	1,791,079	7,325,844
Alberta .....	7,556,659	8,398,033	5,820,732	21,775,424
British Columbia .....	2,575,693	3,503,184	1,577,794	7,656,671
Canada .....	31,419,194	25,745,529	18,409,146	75,573,869

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	February 1967						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	67,106	357,267	6,552,239	2,754,262	32,019,344	41,750,218	87,205,801
Imports .....	-	3,849,351	-	12,841	-	3,862,192	8,238,281

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	February 1967	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	101,041	13,734

TABLE 11. Exports and Imports to and from the United States

February 1967

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	67,100	-
Ontario - Cornwall .....	355,490	-
Niagara Falls .....	-	1,338,730
Ojibway .....	-	2,486,141
Total Ontario .....	355,490	3,824,871
Manitoba - Emerson .....	6,519,641	-
Alberta - Aden .....	1,669,978	-
Carway .....	1,111,986	-
Coutts .....	118	12,837
Total Alberta .....	2,782,082	12,837
British Columbia - Kingsgate - U.S.A. District V South(1)	14,690,954	-
Other U.S.A. ....	4,314,693	-
Huntingdon .....	11,391,196	-
Total British Columbia .....	30,396,843	-
Canada - February 1967 .....	40,121,156	3,837,708
February 1966 .....	34,761,484	2,861,093
Year to date - 1967 .....	83,822,054	8,217,481
1966 .....	73,406,036	6,080,773
Value - 1967 .....	(\$)	9,886,099
1966 .....	(\$)	8,949,414
1966 .....	(\$)	1,723,604
1966 .....	(\$)	1,314,171

(1) California, Nevada, Arizona.





CATALOGUE No.

55-002

Monthly

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 9, No. 2

Gas Utilities  
(Transport and Distribution Systems)

MARCH 1967

Price: 20 cents, \$2.00 a year

During March, field gathering systems and processing plants delivered to gas utilities 114,672,317 Mcf. of natural gas. The transport systems accounted for 86,663,679 Mcf. and the distribution systems 28,008,638 Mcf. Natural gas imported from the U.S.A. was 4,959,518 Mcf. and the volume recovered from storage was 7,013,740 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume	% increase over March 1966	% of total supply	Revenue	% of total revenue
	'000 Mcf.			\$'000	
Ultimate .....	77,179	60.9	16.1	54,051	83.9
Exports .....	44,865	35.4	18.0	10,361	16.1
Other uses and adjustments .....	4,602	3.7	...	...	...
Totals .....	126,646	100.0	18.9	64,412	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 77.8 billion commodity (Mcf.) miles (1,773 million ton miles) during March compared with 67.5 billion (Mcf.) miles (1,539 million ton miles) last year. The daily average deliveries of gas utilities amounted to 4.0 million Mcf.

Alberta natural gas utilities receipts totalled 90.5 billion cubic feet; of this 23.0 per cent was sold to ultimate customers in Alberta, 20.4 per cent in Ontario, 3.6 per cent in Quebec, 4.0 per cent in Saskatchewan, 1.4 per cent in British Columbia and 5.9 per cent in Manitoba. Exports accounted for 37.5 per cent and the remaining 4.2 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during March compared to the same month for the previous year. Details are contained in the following table.

Sales category	Sales	% of total sales	% increase over March 1966	Revenue	% of sales revenue	Number of customers
	'000 Mcf.			\$'000		'000
Residential .....	28,870	37.4	16.3	28,935	53.6	1,488
Industrial .....	31,285	40.5	11.3	12,841	23.7	11
Commercial .....	17,024	22.1	25.6	12,275	22.7	141
Totals .....	77,179	100.0	16.1	54,051	100.0	1,640

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production". Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition for Natural Gas.

Manufacturing and Primary Industries Division

November 1967  
503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1967

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	12,590	2,614	1,831,370
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	12,590	2,614	1,831,370
4	Imports .....	-	-	4,945,458
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	12,590	2,614	6,776,828
7	Received from storage .....	-	-	6,261,797
9	Total supply of gas utilities (6 + 7) .....	12,590	2,614	13,038,625
	Transfers from:			
11	Other provinces .....	-	3,432,019	23,569,812
12	Distribution to transport (primary) .....	-	-	1,397,012
13	Other gas utilities .....	-	3,202,037	30,832,700
19	Total gross receipts (9 + 11 + 12 + 13) ...	12,590	6,636,670	68,838,149
	<u>Disposition</u>			
	Sales:			
20	Residential .....	4,596	1,471,438	13,049,770
21	Industrial .....	-	1,255,949	12,004,149
22	Commercial .....	2,512	560,642	6,548,249
30	Total sales (20 + 21 + 22) .....	7,108	3,288,029	31,602,168
31	Exports .....	-	65,642	412,923
32	Other deliveries .....	-	-	1,924
33	Total net deliveries (30 + 31 + 32) .....	7,108	3,353,671	32,017,015
34	Delivered to storage .....	-	-	672,044
35	Line pack fluctuation .....	-	- 104	6,038
36	Gas used in system .....	143	18,639	2,096,330
37	Line losses and unaccounted for .....	5,339	62,427	- 1,615,009
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	12,590	3,434,633	33,176,418
	Transfers to:			
40	Other provinces .....	-	-	3,432,019
41	Distribution by transport (primary) .....	-	3,202,037	22,368,234
42	Other gas utilities .....	-	-	9,861,478
49	Total disposition (39 + 40 + 41 + 42) .....	12,590	6,636,670	68,838,149

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1967

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	March 1966	No.
					Canada	
Mcf.						
-	-	7,720,409	529,886	8,250,295	8,796,207	1a
-	-	60,187,028	18,226,356	78,413,384	69,172,869	1b
-	1,715,784	10,397,786	-	13,960,144	11,156,653	2a
-	2,027,013	11,916,662	104,819	14,048,494	11,315,242	2b
-	3,742,797	90,221,885	18,861,061	114,672,317	100,440,971	3
-	-	14,060	-	4,959,518	3,041,015	4
903	-	-	-	903	1,001	5
903	3,742,797	90,235,945	18,861,061	119,632,738	103,482,987	6
-	449,690	302,253	-	7,013,740	3,027,128	7
903	4,192,487	90,538,198	18,861,061	126,646,478	106,510,115	9
35,767,969	40,253,525	-	24,850,599	...	...	11
-	3,164,821	1,582,812	-	6,144,645	614,077	12
4,824,011	3,163,271	5,681,923	8,205,113	55,909,055	51,555,605	13
40,592,883	50,774,104	97,802,933	51,916,773	188,700,178	158,679,797	19
2,512,649	2,839,450	6,223,985	2,768,160	28,870,048	24,823,276	20
1,105,148	3,532,054	9,453,238	3,934,640	31,285,178	28,100,115	21
1,764,453	1,569,337	5,160,928	1,418,127	17,024,248	13,556,267	22
5,382,250	7,940,841	20,838,151	8,120,927	77,179,474	66,479,658	30
6,876,383	-	3,064,664	34,445,517	44,865,129	38,020,917	31
-	-	90,155	-	92,079	265,730	32
12,258,633	7,940,841	23,992,970	42,566,444	122,136,682	104,766,305	33
-	267,056	268,030	-	1,207,130	- 197,114	34
7,863	- 5,592	67,304	61,112	136,621	61,210	35
501,447	1,005,449	405,695	1,155,978	5,183,681	4,441,104	36
- 568,883	- 529,711	700,076	- 71,874	- 2,017,636	- 2,561,390	37
12,199,060	8,678,043	25,434,075	43,711,660	126,646,478	106,510,115	39
23,569,812	35,767,969	65,104,124	-	...	...	40
-	3,163,271	1,369,900	8,188,091	38,291,533	39,030,411	41
4,824,011	3,164,821	5,894,834	17,022	23,762,167	13,139,271	42
40,592,883	50,774,104	97,802,933	51,916,773	188,700,178	158,679,797	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,465,265	7,589,123	8,250,295		
1b	Processing plants .....	78,771,451	70,197,341	78,413,384		
2	By distribution systems:					
2a	Fields .....	14,352,214	13,056,197	13,960,144		
2b	Processing plants .....	14,791,017	12,488,766	14,048,494		
3	Total (1 + 2) .....	116,379,947	103,331,427	114,672,317		
4	Imports .....	4,379,773	3,837,708	4,959,518		
5	Other receipts(1) .....	23,683	13,514	903		
6	Total net receipts (3 + 4 + 5) .....	120,783,403	107,182,649	119,632,738		
7	Received from storage .....	9,701,942	12,845,362	7,013,740		
9	Total supply of gas utilities (6 + 7) .....	130,485,345	120,028,011	126,646,478		
	Transfers from:					
11	Other provinces .....	...	...	...		
12	Distribution to transport (primary) .....	6,345,214	5,127,330	6,144,645		
13	Other gas utilities .....	56,422,445	53,253,749	55,909,055		
19	Total gross receipts (9 + 11 + 12 + 13) ...	193,253,004	178,409,090	188,700,178		
	<u>Disposition</u>					
	Sales:					
20	Residential .....	31,158,284	30,687,889	28,870,048		
21	Industrial .....	29,418,788	27,288,180	31,285,178		
22	Commercial .....	18,494,795	18,232,554	17,024,248		
30	Total sales (20 + 21 + 22) .....	79,071,867	76,208,623	77,179,474		
31	Exports .....	43,700,898	40,121,156	44,865,129		
32	Other deliveries .....	241,834	94,608	92,079		
33	Total net deliveries (30 + 31 + 32) .....	123,014,599	116,424,387	122,136,682		
34	Delivered to storage .....	311,925	675,440	1,207,130		
35	Line pack fluctuation .....	29,177	- 238,840	136,621		
36	Gas used in system .....	5,101,044	4,307,636	5,183,681		
37	Line losses and unaccounted for .....	2,028,600	- 1,140,612	- 2,017,636		
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	130,485,345	120,028,011	126,646,478		
	Transfers to:					
40	Other provinces .....	...	...	...		
41	Distribution by transport (primary) .....	42,803,077	38,618,252	38,291,533		
42	Other gas utilities .....	19,964,582	19,762,827	23,762,167		
49	Total disposition (39 + 40 + 41 + 42) .....	193,253,004	178,409,090	188,700,178		

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

June	July	August	September	October	November	December	Year to date		No.
							1967	1966	
				Mcf.					
							24,304,683	28,458,829	1a
							227,382,176	207,237,944	1b
							41,368,555	36,980,328	2a
							41,328,277	34,996,743	2b
							334,383,691	307,673,844	3
							13,176,999	9,121,788	4
							38,100	2,794	5
							347,598,790	316,798,426	6
							29,561,044	20,551,473	7
							377,159,834	337,349,899	9
							...	...	11
							17,617,189	2,521,716	12
							165,585,249	159,834,154	13
							560,362,272	499,705,769	19
							90,716,221	85,850,862	20
							87,992,146	79,914,850	21
							53,751,597	46,052,598	22
							232,459,964	211,818,310	30
							128,687,183	111,426,953	31
							428,521	790,881	32
							361,575,668	324,036,144	33
							2,194,495	2,528,213	34
							- 73,042	95,088	35
							14,592,361	13,849,047	36
							- 1,129,648	- 3,158,593	37
							377,159,834	337,349,899	39
							...	...	40
							119,712,862	120,320,561	41
							63,489,576	42,035,309	42
							560,362,272	499,705,769	49



TABLE 3. Receipts and Disposition of Natural Gas by Source

March 1967

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	7,720,409	529,886	-	8,250,295
1b	Processing plants .....	-	-	-	-	60,187,028	18,226,356	-	78,413,384
2	By distribution systems:								
2a	Fields .....	12,590	2,614	1,831,370	1,715,784	10,397,786	-	-	13,960,144
2b	Processing plants .....	-	-	-	2,027,013	11,916,662	104,819	-	14,048,494
3	Total (1 + 2) .....	12,590	2,614	1,831,370	3,742,797	90,221,885	18,861,061	-	114,672,317
4	Imports .....	-	-	-	-	-	-	4,959,518	4,959,518
5	Other receipts(1) .....	-	-	-	-	903	-	-	903
6	Total net receipts (3 + 4 + 5) .....	12,590	2,614	1,831,370	3,742,797	90,222,788	18,861,061	4,959,518	119,632,738
7	Received from storage .....	-	-	6,261,797	449,690	302,253	-	-	7,013,740
9	Total supply of gas utilities (6 + 7) .....	12,590	2,614	8,093,167	4,192,487	90,525,041	18,861,061	4,959,518	126,646,478
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	1,263,852	6,857,075	-	8,120,927
24	Alberta .....	-	-	-	-	20,828,476	-	9,675	20,838,151
25	Saskatchewan .....	-	-	-	4,301,777	3,639,064	-	-	7,940,841
26	Manitoba .....	-	-	-	1,550	5,380,700	-	-	5,382,250
27	Ontario .....	-	-	8,177,243	-	18,479,467	-	4,945,458	31,602,168
28	Quebec .....	-	2,614	-	-	3,285,415	-	-	3,288,029
29	New Brunswick .....	7,108	-	-	-	-	-	-	7,108
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	7,108	2,614	8,177,243	4,303,327	52,876,974	6,857,075	4,955,133	77,179,474
31	Exports .....	-	-	-	-	33,896,909	10,968,220	-	44,865,129
32	Other deliveries .....	-	-	-	-	87,704	-	4,375	92,079
33	Total net deliveries (30 + 31 + 32) .....	7,108	2,614	8,177,243	4,303,327	86,861,587	17,825,295	4,959,508	122,136,682
34	Delivered to storage .....	-	-	-	267,056	940,074	-	-	1,207,130
35	Line pack fluctuation .....	-	-	-	- 39,666	78,807	97,480	-	136,621
36	Gas used in system .....	143	-	32,262	176,223	3,998,413	976,640	-	5,183,681
37	Line losses and unaccounted for .....	5,339	-	- 116,338	- 514,453	- 1,353,840	- 38,354	10	- 2,017,636
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	12,590	2,614	8,093,167	4,192,487	90,525,041	18,861,061	4,959,518	126,646,478

(1) Includes peak shaving and enrichment.  
... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

March 1967

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
March 1967:			
Daily average .....	2,682,472	2,489,660	3,978,833
Maximum(1) .....	3,012,767	...	...
Minimum(1) .....	2,714,406	...	...
Exports maximum(1) .....	1,496,178	...	...
March 1966:			
Daily average .....	2,485,527	2,144,505	3,421,336
Maximum(1) .....	2,682,843	...	...
Minimum(1) .....	2,273,264	...	...
Year to date 1967:			
Daily average .....	2,760,000	2,582,888	3,628,493
Maximum(1) .....	3,038,785	...	...
Minimum(1) .....	2,614,954	...	...
Commodity miles:			
Mcf. miles (thousands) .....	77,751,972	..	..
Ton-miles (millions) .....	1,773	..	..
Line pack:			
Beginning of month (Mcf.) .....	8,205,908	..	..
End of month (Mcf.) .....	10,400,559	..	..
Operating revenues .....	...	54,051,935	...

(1) Non-coincident.  
 .. Figures not available.  
 ... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

March 1967

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	54,173	144,522
Deliveries to ultimate customers .....	57,957	131,037
Line pack fluctuations .....	-	-
Gas used in system .....	-	1,517
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 3,784	11,968
Total disposition .....	54,173	144,522
Daily average sendout .....	1,748	4,662
Revenues .....	\$42,949	\$232,979

TABLE 6. Sales of Natural Gas

No.		March 1967			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	1,981	4,596	14,511
2	Quebec .....	88,153	204,697	1,471,438	2,256,498
3	Ontario .....	518,389	656,659	13,049,770	15,404,311
4	Manitoba .....	93,626	96,300	2,512,649	2,148,408
5	Saskatchewan .....	104,123	107,482	2,839,450	1,910,091
6	Alberta .....	240,383	243,162	6,223,985	3,116,466
7	British Columbia .....	154,687	178,005	2,768,160	4,085,070
8	Canada .....	1,199,461	1,488,286	28,870,048	28,935,355
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,236	1,255,949	916,574
11	Ontario .....		7,116	12,004,149	7,297,036
12	Manitoba .....		274	1,105,148	359,482
13	Saskatchewan .....		572	3,532,054	869,666
14	Alberta .....		523	9,453,238	1,753,177
15	British Columbia .....		249	3,934,640	1,645,827
16	Canada .....		10,970	31,285,178	12,841,762
17	Firm .....		10,620	26,305,117	10,317,266
18	Interruptible .....		350	4,980,061	1,760,449
	Commercial:				
19	New Brunswick .....		58	2,512	5,045
20	Quebec .....		10,047	560,642	646,112
21	Ontario .....		57,028	6,548,249	6,057,627
22	Manitoba .....		8,621	1,764,453	1,191,377
23	Saskatchewan .....		14,480	1,569,337	832,429
24	Alberta .....		27,619	5,160,928	1,925,845
25	British Columbia .....		23,464	1,418,127	1,616,383
26	Canada .....		141,317	17,024,248	12,274,818
	Total sales:				
27	New Brunswick .....		2,039	7,108	19,556
28	Quebec .....		216,980	3,288,029	3,819,184
29	Ontario .....		720,803	31,602,168	28,758,974
30	Manitoba .....		105,195	5,382,250	3,699,267
31	Saskatchewan .....		122,534	7,940,841	3,612,186
32	Alberta .....		271,304	20,838,151	6,795,488
33	British Columbia .....		201,718	8,120,927	7,347,280
34	Canada .....		1,640,573	77,179,474	54,051,935

... Figures not appropriate or not applicable.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		March 1967		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	14,064	80,470	145,097
2	Industrial .....	41	1,993	2,096
3	Commercial .....	2,680	48,574	85,786
4	Totals .....	16,785	131,037	232,979

TABLE 6. Sales of Natural Gas

March 1967		March 1966				
Sales per customer Mcf.	Revenue per Mcf. \$	Customers		Gas sold Mcf.	Revenue \$	No.
		Space heating	Total			
		No.				
2.3	3.16	100	2,123	4,082	14,014	1
7.2	1.53	84,496	206,590	1,230,866	1,981,580	2
19.9	1.18	489,094(1)	636,290	10,634,933	12,732,255	3
26.1	0.86	85,187	88,196	2,016,197	1,738,352	4
26.4	0.67	99,105(1)	103,021	2,596,255	1,754,723	5
25.6	0.50	229,741(1)	236,320	5,933,372	2,985,795	6
15.6	1.48	146,463(1)	167,908	2,407,571	2,905,676(1)	7
19.3	1.00	1,134,186	1,440,448	24,823,276	24,112,395	8
-	-	-	-	-	-	9
562	0.73		2,358	1,593,788	1,032,313	10
1,687	0.61		6,860	9,797,880	5,862,957	11
4,033	0.33		384	911,348	296,054	12
6,174	0.25		549	3,057,032	810,220	13
18,075	0.19		563	8,185,730	1,484,391	14
15,802	0.42		958	4,554,337	2,000,605(1)	15
2,852	0.40		11,672	28,100,115	11,486,540	16
			11,186	22,721,933	9,256,207	17
			486	5,378,182	2,230,333	18
43.3	2.01		52	1,878	3,936	19
55.8	1.15		9,922	342,133	470,833	20
114.8	0.93		53,864	5,045,825	4,613,245	21
204.7	0.68		7,947	1,447,639	982,912	22
108.4	0.53		11,255	1,398,713	409,268	23
186.9	0.37		26,516	4,482,798	1,719,533	24
60.4	1.14		21,618	837,821	890,896(1)	25
120.5	0.72		131,174	13,556,267	9,090,623	26
3.5	2.75		2,175	5,960	17,950	27
15.2	1.16		218,870	3,166,787	3,484,726	28
43.8	0.91		697,014	25,478,638	23,208,457	29
51.2	0.69		96,527	4,375,184	3,017,318	30
64.8	0.46		114,825	7,052,000	2,974,211	31
76.0	0.32		263,444	18,601,900	6,189,719	32
40.2	0.90		190,484	7,799,189	5,797,177	33
47.0	0.70		1,583,339	66,479,658	44,689,558	34

(1) Estimated.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

March 1967				No.
Manufactured gas				
Customers	Gas sold		Revenue	
No.	Mcf.		\$	
1,971	11,336		15,298	1
29	34,120		13,319	2
573	12,501		14,332	3
2,573	57,957		42,949	4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	March 1967			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	5,545	-	3,031	8,576
Quebec .....	1,482,833	1,263,390	567,379	3,313,602
Ontario .....	13,123,502	12,070,263	6,583,625	31,777,390
Manitoba .....	2,532,056	1,113,069	1,780,276	5,425,401
Saskatchewan .....	2,854,866	3,551,231	1,577,857	7,983,954
Alberta .....	6,663,296	10,019,276	5,514,372	22,196,944
British Columbia .....	2,924,435	4,138,959	1,494,473	8,557,867
Canada .....	29,586,533	32,156,188	17,521,013	79,263,734

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	March 1967						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	66,036	414,988	6,917,641	2,785,799	36,213,150	46,397,614	133,603,415
Imports .....	-	4,920,792	-	14,112	-	4,934,904	13,173,185

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	March 1967	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	154,202	26,113



TABLE 11. Exports and Imports to and from the United States

March 1967

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	65,642	-
Ontario - Cornwall .....	412,923	-
Niagara Falls .....	-	2,291,023
Ojibway .....	-	2,654,435
Total Ontario .....	412,923	4,945,458
Manitoba - Emerson .....	6,876,383	-
Alberta - Aden .....	1,825,744	-
Carway .....	1,238,705	-
Coutts .....	215	14,059
Total Alberta .....	3,064,664	14,059
British Columbia - Kingsgate - U.S.A. District V South(1)	17,062,095	-
Other U.S.A. ....	4,715,294	-
Huntingdon .....	12,668,128	-
Total British Columbia .....	34,445,517	-
Canada - March 1967 .....	44,865,129	4,959,517
March 1966 .....	38,020,917	3,041,015
Year to date - 1967 .....	128,687,183	13,176,998
1966 .....	111,426,953	9,121,788
Value - 1967 .....	10,360,696	1,383,686
1966 .....	8,949,000	1,169,086

(1) California, Nevada, Arizona.



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 9 No. 4

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

APRIL 1967



During April field gathering systems and processing plants delivered to gas utilities 103,277,628 Mcf. of natural gas. The transport systems accounted for 79,774,476 Mcf. and the distribution systems 23,503,152 Mcf. Natural gas imported from the U.S.A. was 5,602,094 Mcf. and the volume recovered from storage was 1,890,668 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over April 1966	Revenue \$'000	% of total revenue
Ultimate customers .....	66,432	60.0	15.0	43,937	81.0
Exports .....	42,707	38.5	23.4	10,314	19.0
Other uses and adjustments .....	1,632	1.5	...	...	...
Totals .....	110,771	100.0	16.4	54,251	100.0

... Figures not appropriate or not applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 62.2 billion commodity (Mcf.) miles (1,430 million ton miles) during April compared with 65.9 billion (Mcf.) miles (1,505 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.7 million Mcf.

Alberta natural gas utilities receipts totalled 81.3 billion cubic feet; of this 22.9 per cent was sold to ultimate customers in Alberta, 21.3 per cent in Ontario, 3.3 per cent in Quebec, 4.0 per cent in Saskatchewan, 1.3 per cent in British Columbia and 5.1 per cent in Manitoba. Exports accounted for 39.2 per cent and the remaining 2.9 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during April compared to the same month for the previous year. Details are contained in the following table.

Sales category	Sales '000 Mcf.	% of total sales	% increase over April 1966	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	21,656	32.6	8.7	21,734	49.5	1,491
Industrial .....	30,728	46.3	15.2	12,211	27.8	11
Commercial .....	14,048	21.1	26.0	9,992	22.7	142
Totals .....	66,432	100.0	15.0	43,937	100.0	1,644

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month bases, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

December 1967  
503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1967

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	9,045	2,614	1,203,490
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	9,045	2,614	1,203,490
4	Imports .....	-	-	5,591,503
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	9,045	2,614	6,794,993
7	Received from storage .....	-	-	1,533,542
9	Total supply of gas utilities (6 + 7) .....	9,045	2,614	8,328,535
	Transfers from:			
11	Other provinces .....	-	2,810,148	22,444,611
12	Distribution to transport (primary) .....	-	-	1,868,386
13	Other gas utilities .....	-	2,633,326	28,542,267
19	Total gross receipts (9 + 11 + 12 + 13) ...	9,045	5,446,088	61,183,799
	<u>Disposition</u>			
	Sales:			
20	Residential .....	4,274	974,004	9,278,143
21	Industrial .....	-	1,253,590	11,843,985
22	Commercial .....	2,271	497,763	4,933,397
30	Total sales (20 + 21 + 22) .....	6,545	2,725,357	26,055,525
31	Exports .....	-	47,605	354,701
32	Other deliveries .....	-	-	994
33	Total net deliveries (30 + 31 + 32) .....	6,545	2,772,962	26,411,220
34	Delivered to storage .....	-	-	2,120,167
35	Line pack fluctuation .....	-	- 656	2,814
36	Gas used in system .....	100	12,453	1,872,485
37	Line losses and unaccounted for .....	2,400	28,003	- 2,443,688
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,045	2,812,762	27,962,998
	Transfers to:			
40	Other provinces .....	-	-	2,810,148
41	Distribution by transport (primary) .....	-	2,633,326	22,382,069
42	Other gas utilities .....	-	-	8,028,584
49	Total disposition (39 + 40 + 41 + 42) .....	9,045	5,446,088	61,183,799

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1967

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	April 1966	No.
					Canada	
Mcf.						
-	-	5,750,638	512,741	6,263,379	6,940,111	1a
-	-	56,293,752	17,217,345	73,511,097	63,325,361	1b
-	1,527,830	7,761,272	-	10,504,251	9,455,473	2a
-	1,548,366	11,381,269	69,266	12,998,901	10,441,356	2b
-	3,076,196	81,186,931	17,799,352	103,277,628	90,162,301	3
-	-	10,591	-	5,602,094	3,917,293	4
917	-	-	-	917	- 1,960	5
917	3,076,196	81,197,522	17,799,352	108,880,639	94,077,634	6
-	214,019	143,107	-	1,890,668	1,037,720	7
917	3,290,215	81,340,629	17,799,352	110,771,307	95,115,354	9
32,824,226	36,865,397	-	23,553,958	...	...	11
-	2,862,033	1,480,953	-	6,211,372	552,919	12
3,713,128	2,875,883	4,821,639	7,329,114	49,915,357	45,708,482	13
36,538,271	45,893,528	87,643,221	48,682,424	166,898,036	141,376,755	19
1,752,068	2,349,185	5,424,986	1,873,473	21,656,133	19,927,158	20
1,132,710	3,702,422	8,598,573	4,197,327	30,728,607	26,663,822	21
1,304,460	1,356,129	4,652,155	1,301,494	14,047,669	11,151,731	22
4,189,238	7,407,736	18,675,714	7,372,294	66,432,409	57,742,711	30
6,181,376	-	2,898,327	33,224,581	42,706,590	34,604,102	31
-	-	63,206	-	64,200	230,378	32
10,370,614	7,407,736	21,637,247	40,596,875	109,203,199	92,577,191	33
-	197,045	311,941	-	2,629,153	2,974,437	34
- 221	37,354	- 67,400	- 64,776	- 92,885	- 158,166	35
446,250	862,857	385,311	1,007,086	4,586,542	4,082,791	36
- 436,111	- 1,173,606	- 1,345,825	- 185,875	- 5,554,702	- 4,360,899	37
10,380,532	7,331,386	20,921,274	41,353,310	110,771,307	95,115,354	39
22,444,611	32,824,226	60,419,355	-	...	...	40
-	2,875,883	401,732	7,317,607	35,610,617	35,065,430	41
3,713,128	2,862,033	5,900,860	11,507	20,516,112	11,195,971	42
36,538,271	45,893,528	87,643,221	48,682,424	166,898,036	141,376,755	49



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,465,265	7,589,123	8,250,295	6,263,379	
1b	Processing plants .....	78,771,451	70,197,341	78,413,384	73,511,097	
2	By distribution systems:					
2a	Fields .....	14,352,214	13,056,197	13,960,144	10,504,251	
2b	Processing plants .....	14,791,017	12,488,766	14,048,494	12,998,901	
3	Total (1 + 2) .....	116,379,947	103,331,427	114,672,317	103,277,628	
4	Imports .....	4,379,773	3,837,708	4,959,518	5,602,094	
5	Other receipts(1) .....	23,683	13,514	903	917	
6	Total net receipts (3 + 4 + 5) .....	120,783,403	107,182,649	119,632,738	108,880,639	
7	Received from storage .....	9,701,942	12,845,362	7,013,740	1,890,668	
9	Total supply of gas utilities (6 + 7) .....	130,485,345	120,028,011	126,646,478	110,771,307	
	Transfers from:					
11	Other provinces .....	...	...	...	...	
12	Distribution to transport (primary) .....	6,345,214	5,127,330	6,144,645	6,211,372	
13	Other gas utilities .....	56,422,445	53,253,749	55,909,055	49,915,357	
19	Total gross receipts (9 + 11 + 12 + 13) ...	193,253,004	178,409,090	188,700,178	166,898,036	
	<u>Disposition</u>					
	Sales:					
20	Residential .....	31,158,284	30,687,889	28,870,048	21,656,133	
21	Industrial .....	29,418,788	27,288,180	31,285,178	30,728,607	
22	Commercial .....	18,494,795	18,232,554	17,024,248	14,047,669	
30	Total sales (20 + 21 + 22) .....	79,071,867	76,208,623	77,179,474	66,432,409	
31	Exports .....	43,700,898	40,121,156	44,865,129	42,706,590	
32	Other deliveries .....	241,834	94,608	92,079	64,200	
33	Total net deliveries (30 + 31 + 32) .....	123,014,599	116,424,387	122,136,682	109,203,199	
34	Delivered to storage .....	311,925	675,440	1,207,130	2,629,153	
35	Line pack fluctuation .....	29,177	- 238,840	136,621	- 92,885	
36	Gas used in system .....	5,101,044	4,307,636	5,183,681	4,581,542	
37	Line losses and unaccounted for .....	2,028,600	- 1,140,612	- 2,017,636	- 5,554,702	
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	130,485,345	120,028,011	126,646,478	110,771,307	
	Transfers to:					
40	Other provinces .....	...	...	...	...	
41	Distribution by transport (primary) .....	42,803,077	38,618,252	38,291,533	35,610,617	
42	Other gas utilities .....	19,964,582	19,762,827	23,762,167	20,516,112	
49	Total disposition (39 + 40 + 41 + 42) .....	193,253,004	178,409,090	188,700,178	166,898,036	

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

June	July	August	September	October	November	December	Year to date		No.
							1967	1966	
				Mcf.					
							30,568,062	35,398,940	1a
							300,893,273	270,563,305	1b
							51,872,806	46,903,689	2a
							54,327,178	45,438,099	2b
							437,661,319	398,304,033	3
							18,779,093	13,039,081	4
							39,017	834	5
							456,479,429	411,343,948	6
							31,451,712	20,390,600	7
							487,931,141	431,734,548	9
							...	...	11
							23,828,561	3,074,635	12
							215,500,606	205,542,636	13
							727,260,308	640,351,819	19
							112,372,354	105,778,020	20
							118,720,753	106,578,672	21
							67,799,266	57,204,329	22
							298,892,373	269,561,021	30
							171,393,773	146,031,055	31
							492,721	1,021,259	32
							470,778,867	416,613,335	33
							4,823,648	4,010,427	34
							- 165,927	- 63,078	35
							19,178,903	17,931,838	36
							- 6,684,350	- 6,757,974	37
							487,931,141	431,734,548	39
							...	...	40
							155,323,479	155,385,991	41
							84,005,688	53,231,280	42
							727,260,308	640,351,819	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

April 1967

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	5,750,638	512,741	-	6,263,379
1b	Processing plants .....	-	-	-	-	56,293,752	17,217,345	-	73,511,097
2	By distribution systems:								
2a	Fields .....	9,045	2,614	1,203,490	1,527,830	7,761,272	-	-	10,504,251
2b	Processing plants .....	-	-	-	1,548,366	11,381,269	69,266	-	12,998,901
3	Total (1 + 2) .....	9,045	2,614	1,203,490	3,076,196	81,186,931	17,799,352	-	103,277,628
4	Imports .....	-	-	-	-	-	-	5,602,094	5,602,094
5	Other receipts(1) .....	-	-	-	-	917	-	-	917
6	Total net receipts (3 + 4 + 5) .....	9,045	2,614	1,203,490	3,076,196	81,187,848	17,799,352	5,602,094	108,880,639
7	Received from storage .....	-	-	1,533,542	214,019	143,107	-	-	1,890,668
9	Total supply of gas utilities (6 + 7) .....	9,045	2,614	2,737,032	3,290,215	81,330,955	17,799,352	5,602,094	110,771,307
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	1,052,130	6,320,164	-	7,372,294
24	Alberta .....	-	-	-	-	18,664,353	-	11,361	18,675,714
25	Saskatchewan .....	-	-	-	4,188,648	3,219,088	-	-	7,407,736
26	Manitoba .....	-	-	-	-	4,189,238	-	-	4,189,238
27	Ontario .....	-	-	3,095,251	-	17,368,771	-	5,591,503	26,055,525
28	Quebec .....	-	2,614	-	-	2,722,743	-	-	2,725,357
29	New Brunswick .....	6,545	-	-	-	-	-	-	6,545
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	6,545	2,614	3,095,251	4,188,648	47,116,323	6,320,164	5,602,864	66,432,409
31	Exports .....	-	-	-	-	31,920,264	10,774,120	-	42,694,384
32	Other deliveries .....	-	-	-	-	64,200	-	-	64,200
33	Total net deliveries (30 + 31 + 32) .....	6,545	2,614	3,095,251	4,188,648	79,200,787	17,094,284	5,602,864	109,190,993
34	Delivered to storage .....	-	-	-	197,045	2,432,108	-	-	2,629,153
35	Line pack fluctuation .....	-	-	-	38,309	- 67,080	- 64,114	-	- 92,885
36	Gas used in system .....	100	-	36,502	124,730	3,547,554	877,656	-	4,586,542
37	Line losses and unaccounted for .....	2,400	-	394,721	- 1,258,517	-3,782,414	- 108,454	- 770	-5,542,496
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,045	2,614	2,737,032	3,290,215	81,330,955	17,799,352	5,602,094	110,771,307

(1) Includes peak shaving and enrichment.

TABLE 4. Operating Statistics: Natural Gas Utilities

April 1967

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
April 1967:			
Daily average .....	2,610,574	2,214,414	3,727,744
Maximum(1) .....	2,911,817	...	...
Minimum(1) .....	2,570,425	...	...
Exports maximum(1) .....	1,481,235	...	...
April 1966:			
Daily average .....	2,322,317	1,806,558	2,935,578
Maximum(1) .....	2,559,432	...	...
Minimum(1) .....	2,156,080	...	...
Year to date 1967:			
Daily average .....	2,729,304	2,494,129	3,827,373
Maximum(1) .....	3,063,732	...	...
Minimum(1) .....	2,542,371	...	...
Commodity miles:			
Mcf. miles (thousands) .....	62,235,003	..	..
Ton-miles (millions) .....	1,430	..	..
Line pack:			
Beginning of month (Mcf.) .....	8,205,908	..	..
End of month (Mcf.) .....	8,084,593	..	..
Operating revenues .....	..	\$43,937,045	..

(1) Non-coincident.  
 .. Figures not available.  
 ... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

April 1967

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	50,873	132,837
Deliveries to ultimate customers .....	50,039	115,666
Line pack fluctuations .....	-	-
Gas used in system .....	-	1,171
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	834	16,000
Total disposition .....	50,873	132,837
Daily average sendout .....	1,695	4,326
Revenues .....	\$33,491	\$200,601

TABLE 6. Sales of Natural Gas

No.		April 1967			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
<b>Residential:</b>					
1	New Brunswick .....	100	1,980	4,274	14,053
2	Quebec .....	88,201	203,982	974,004	1,604,781
3	Ontario .....	503,595	657,511	9,278,143	11,209,952
4	Manitoba .....	93,863	96,514	1,752,068	1,545,390
5	Saskatchewan .....	104,775	109,101	2,349,185	1,644,148
6	Alberta .....	240,823	243,560	5,424,986	3,002,326
7	British Columbia .....	158,008	178,488	1,873,473	2,713,518
8	Canada .....	1,189,365	1,491,136	21,656,133	21,734,168
<b>Industrial:</b>					
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,240	1,253,590	827,405
11	Ontario .....		7,137	11,843,985	6,761,294
12	Manitoba .....		278	1,132,710	379,609
13	Saskatchewan .....		571	3,702,422	936,374
14	Alberta .....		515	8,598,573	1,585,912
15	British Columbia .....		259	4,197,327	1,720,226
16	Canada .....		11,000	30,728,607	12,210,820
17	Firm .....		10,642	25,320,284	10,169,540
18	Interruptible .....		358	5,408,323	2,041,280
<b>Commercial:</b>					
19	New Brunswick .....		59	2,271	5,011
20	Quebec .....		10,059	497,763	545,821
21	Ontario .....		57,160	4,933,397	4,592,731
22	Manitoba .....		8,654	1,304,460	908,563
23	Saskatchewan .....		14,881	1,356,129	723,310
24	Alberta .....		27,535	4,652,155	1,742,751
25	British Columbia .....		23,605	1,301,494	1,473,870
26	Canada .....		141,953	14,047,669	9,992,057
<b>Total sales:</b>					
27	New Brunswick .....		2,039	6,545	19,064
28	Quebec .....		216,281	2,725,357	2,978,007
29	Ontario .....		721,808	26,055,525	22,563,977
30	Manitoba .....		105,446	4,189,138	2,833,562
31	Saskatchewan .....		124,553	7,407,736	3,303,832
32	Alberta .....		271,610	18,675,714	6,330,989
33	British Columbia .....		202,352	7,372,294	5,907,614
34	Canada .....		1,644,089	66,432,409	43,937,045

(1) Estimated.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		April 1967		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	13,971	68,428	121,373
2	Industrial .....	41	1,512	1,573
3	Commercial .....	2,748	45,726	77,654
4	Total .....	16,760	115,666	\$200,601



TABLE 6. Sales of Natural Gas

April 1967			April 1966			
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
2.2	3.28	100	2,094	4,272	14,501	1
4.7	1.64	84,316	205,481	837,303	1,555,936	2
14.1	1.21	486,163	637,708	9,106,837	10,963,109	3
18.1	0.88	85,908	88,993	1,494,450	1,324,400	4
21.5	0.70	97,992	102,039	1,927,575	1,386,446	5
22.2	0.55	229,924	236,645	4,397,172	2,351,770	6
10.4	1.44	147,390	169,123	2,159,549	3,109,750(1)	7
14.5	1.00	1,131,793	1,442,083	19,927,158	20,705,912(1)	8
-	-	-	-	-	-	9
559	0.66		2,359	1,416,747	850,053	10
1,659	0.57		6,831	10,116,070	5,831,956	11
4,074	0.33		280	917,425	285,946	12
4,732	0.25		804	3,113,908	750,093	13
16,696	0.18		557	7,877,163	1,428,824	14
16,205	0.41		182	3,222,509	1,237,443	15
2,794	0.40		11,013	26,663,822	10,384,215	16
			10,502	20,877,078	8,075,304	17
			511	5,786,744	2,308,911(1)	18
38.4	2.21		52	1,846	3,967	19
49.4	1.09		9,888	253,946	356,925	20
86.3	0.93		53,976	4,345,813	4,134,678	21
150.7	0.69		7,973	1,063,060	745,672	22
91.1	0.53		13,743	1,043,961	572,937	23
169.0	0.37		26,474	3,446,011	1,336,084	24
55.1	1.13		22,357	997,094	1,146,658(1)	25
98.9	0.71		134,463	11,151,731	8,296,921(1)	26
3.2	2.91		2,146	6,118	18,468	27
12.6	1.09		217,728	2,507,996	2,762,914	28
36.1	0.86		698,515	23,568,720	20,929,743	29
39.7	0.67		97,246	3,474,935	2,355,918	30
59.4	0.45		116,586	6,085,444	2,709,476	31
68.8	0.34		263,676	15,720,346	5,116,678	32
36.4	0.80		191,662	6,379,152	5,493,851(1)	33
40.4	0.66		1,587,559	57,742,711	39,387,048(1)	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

April 1967				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
1,964	5,891	7,321		1
29	31,171	11,498		2
567	12,997	14,672		3
2,560	50,039	\$33,491		4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	April 1967			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	5,156	-	2,739	7,895
Quebec .....	980,442	1,262,161	501,016	2,743,619
Ontario .....	9,318,639	11,897,758	4,955,988	26,172,385
Manitoba .....	1,762,687	1,138,005	1,314,626	4,215,318
Saskatchewan .....	2,361,939	3,722,524	1,363,492	7,447,955
Alberta .....	5,794,846	9,086,410	4,953,096	19,834,352
British Columbia .....	1,978,351	4,427,252	1,379,099	7,784,702
Canada .....	22,202,060	31,534,110	14,470,056	68,206,226

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	April 1967						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	47,938	356,475	6,224,646	2,863,550	35,046,546	44,539,155	178,142,570
Imports .....	-	5,599,917	-	10,591	-	5,610,508	18,783,693

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	April 1967	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	110,071	24,002

TABLE 11. Exports and Imports to and from the United States

April 1967

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	47,605	-
Ontario - Cornwall .....	354,701	-
Niagara Falls .....	-	3,028,002
Ojibway .....	-	2,563,501
Total Ontario .....	354,701	5,591,503
Manitoba - Emerson .....	6,181,376	-
Alberta - Aden .....	1,711,518	-
Carway .....	1,186,545	-
Coutts .....	264	10,591
Total Alberta .....	2,898,327	10,591
British Columbia - Kingsgate - U.S.A. District V South(1)	16,839,328	-
Other U.S.A. ....	4,208,920	-
Huntingdon .....	12,176,333	-
Total British Columbia .....	33,224,581	-
Canada - 1967 .....	42,706,590	5,602,094
1966 .....	34,604,102	3,917,293
Year to date - 1967 .....	171,393,773	18,779,092
1966 .....	146,031,055	13,039,081
Value - 1967 .....	10,314,212	2,484,343
1966 .....	8,970,584	1,736,637

(1) California, Nevada, Arizona.



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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Published by Authority of the Minister of Trade and Commerce

JAN 30 1968

UNIVERSITY OF TORONTO

Price: 20 cents, \$2.00 a year

Vol. 9, No. 5

GAS UTILITIES  
(Transport and Distribution Systems)

MAY 1967

During May field gathering systems and processing plants delivered to gas utilities 97,100,733 Mcf. of natural gas. The transport systems accounted for 77,019,517 Mcf. and the distribution systems 20,081,216 Mcf. Natural gas imported from the U.S.A. was 4,984,144 Mcf. and the volume recovered from storage was 1,257,866 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over May 1966	Revenue \$'000	% of total revenue
Ultimate customers .....	56,131	54.3	12.8	35,098	75.9
Exports .....	43,112	41.7	23.3	11,130	24.1
Other uses and adjustments .....	4,102	4.0	...	...	...
Totals .....	103,345	100.0	15.2	46,228	100.0

... Figures not appropriate or not applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 70.4 billion commodity (Mcf.) miles (1,606 million ton miles) during May compared with 65.5 billion (Mcf.) miles (1,496 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.3 million Mcf.

Alberta natural gas utilities receipts totalled 77.3 billion cubic feet; of this 20.4 per cent was sold to ultimate customers in Alberta, 19.8 per cent in Ontario, 3.5 per cent in Quebec, 3.3 per cent in Saskatchewan, 1.0 per cent in British Columbia and 4.4 per cent in Manitoba. Exports accounted for 41.6 per cent and the remaining 6.0 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during May compared to the same month for the previous year. Details are contained in the following table.

Sales category	Sales '000 Mcf.	% of total sales	% increase over May 1966	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	15,438	27.5	8.0	15,832	45.1	1,493
Industrial .....	29,585	52.7	10.5	11,797	33.6	11
Commercial .....	11,108	19.8	27.8	7,469	21.3	142
Totals .....	56,131	100.0	12.8	35,098	100.0	1,646

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Industry Division

January 1968

3503-509



TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

May 1967

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	7,436	2,762	1,091,240
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	7,436	2,762	1,091,240
4	Imports .....	-	-	4,977,906
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	7,436	2,762	6,069,146
7	Received from storage .....	-	-	1,083,123
9	Total supply of gas utilities (6 + 7) ....	7,436	2,762	7,152,269
	Transfers from:			
11	Other provinces .....	-	2,845,274	23,282,517
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	2,439,525	26,750,281
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,436	5,287,561	57,185,067
	<u>Disposition</u>			
	Sales:			
20	Residential .....	3,406	829,692	6,589,896
21	Industrial .....	-	1,509,810	11,036,415
22	Commercial .....	1,600	376,368	4,798,549
30	Total sales (20 + 21 + 22) .....	5,006	2,715,870	22,424,860
31	Exports .....	-	40,445	321,943
32	Other deliveries .....	-	-	1,029
33	Total net deliveries (30 + 31 + 32) .....	5,006	2,756,315	22,747,832
34	Delivered to storage .....	-	-	3,551,915
35	Line pack fluctuation .....	-	493	- 58,860
36	Gas used in system .....	78	6,716	1,913,938
37	Line losses and unaccounted for .....	2,352	84,512	- 565,313
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,436	2,848,036	27,589,512
	Transfers to:			
40	Other provinces .....	-	-	2,845,274
41	Distribution by transport (primary) .....	-	2,439,525	21,556,996
42	Other gas utilities .....	-	-	5,193,285
49	Total disposition (39 + 40 + 41 + 42) ....	7,436	5,287,561	57,185,067

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

May 1967

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	1966	No.
					Canada	
Mcf.						
-	-	5,392,068	416,297	5,808,365	7,397,472	1a
-	-	55,368,629	15,842,523	71,211,152	61,744,553	1b
-	1,083,733	6,234,067	-	8,419,238	6,230,353	2a
-	1,419,827	10,202,009	40,142	11,661,978	9,991,217	2b
-	2,503,560	77,196,773	16,298,962	97,100,733	85,363,595	3
-	-	6,238	-	4,984,144	4,011,532	4
2,191	-	-	-	2,191	- 313	5
2,191	2,503,560	77,203,011	16,298,962	102,087,068	89,374,814	6
-	70,070	104,673	-	1,257,866	288,631	7
2,191	2,573,630	77,307,684	16,298,962	103,344,934	89,663,445	9
32,858,538	36,065,031	-	23,353,729	...	...	11
-	2,302,996	1,342,772	-	3,645,768	1,004,321	12
2,602,315	2,358,240	3,833,925	5,649,159	43,633,445	43,677,298	13
35,463,044	43,299,897	82,484,381	45,301,850	150,624,147	134,345,064	19
1,314,307	1,744,973	3,801,106	1,155,172	15,438,552	14,297,943	20
1,112,185	3,323,378	8,918,478	3,684,787	29,585,053	26,766,715	21
958,903	968,342	3,072,197	931,906	11,107,865	8,688,712	22
3,385,395	6,036,693	15,791,781	5,771,865	56,131,470	49,753,370	30
6,507,594	-	2,802,216	33,439,754	43,111,952	34,965,898	31
-	-	43,101	-	44,130	182,508	32
9,892,989	6,036,693	18,637,098	39,211,619	99,287,552	84,901,776	33
-	525,811	718,118	-	4,795,844	6,112,931	34
- 44,138	- 227,012	- 92,045	- 60,066	- 481,628	- 52,916	35
459,089	854,679	325,351	752,544	4,312,395	4,208,036	36
- 729,728	- 1,410,048	- 1,699,598	- 251,406	- 4,569,229	- 5,506,382	37
9,578,212	5,780,123	17,888,924	39,652,691	103,344,934	89,663,445	39
23,282,517	32,858,538	59,418,760	-	...	...	40
-	2,358,240	268,074	5,643,412	32,266,247	33,303,546	41
2,602,315	2,302,996	4,908,623	5,747	15,012,966	11,378,073	42
35,463,044	43,299,897	82,484,381	45,301,850	150,624,147	134,345,064	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,465,265	7,589,123	8,250,295	6,263,379	5,808,365
1b	Processing plants .....	78,771,451	70,197,341	78,413,384	73,511,097	71,211,152
2	By distribution systems:					
2a	Fields .....	15,707,256 <sup>r</sup>	13,120,081 <sup>r</sup>	13,960,144	10,504,251	8,419,238
2b	Processing plants .....	14,791,017	12,488,766	14,048,494	12,998,901	11,661,978
3	Total (1 + 2) .....	117,734,989	103,395,311	114,672,317	103,277,628	97,100,733
4	Imports .....	4,379,773	3,837,708	4,959,518	5,602,094	4,984,144
5	Other receipts(1) .....	23,683	13,514	903	917	2,191
6	Total net receipts (3 + 4 + 5) .....	122,138,445	107,246,533	119,632,738	108,880,639	102,087,068
7	Received from storage .....	8,346,900 <sup>r</sup>	12,781,478	7,013,740	1,890,668	1,257,866
9	Total supply of gas utilities (6 + 7) ....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	6,345,214	5,127,330	6,144,645	6,211,372	3,645,768
13	Other gas utilities .....	56,422,445	53,253,749	55,909,055	49,915,357	43,633,445
19	Total gross receipts (9 + 11 + 12 + 13) ...	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147
	<u>Disposition</u>					
	Sales:					
20	Residential .....	31,158,284	30,687,889	28,870,048	21,656,133	15,438,552
21	Industrial .....	29,418,788	27,288,180	31,285,178	30,728,607	29,585,053
22	Commercial .....	18,494,795	18,232,554	17,024,248	14,047,669	11,107,865
30	Total sales (20 + 21 + 22) .....	79,071,867	76,208,623	77,179,474	66,432,409	56,131,470
31	Exports .....	43,700,898	40,121,156	44,865,129	42,706,590	43,111,952
32	Other deliveries .....	241,834	94,608	92,079	64,200	44,130
33	Total net deliveries (30 + 31 + 32) .....	123,014,599	116,424,387	122,136,682	109,203,199	99,287,552
34	Delivered to storage .....	311,925	675,440	1,207,130	2,629,153	4,795,844
35	Line pack fluctuation .....	29,177	- 238,840	136,621	- 92,885	- 481,628
36	Gas used in system .....	5,101,044	4,307,636	5,183,681	4,586,542	4,312,395
37	Line losses and unaccounted for .....	2,028,600	- 1,140,612	- 2,017,636	- 5,554,702	- 4,569,229
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	42,803,077	38,618,252	38,291,533	35,610,617	32,266,247
42	Other gas utilities .....	19,964,582	19,762,827	23,762,167	20,516,112	15,012,966
49	Total disposition (39 + 40 + 41 + 42) .....	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147

(1) Includes peak shaving and enrichment.

<sup>r</sup> Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

June	July	August	September	October	November	December	Year to date		No.
							1967	1966	
				Mcf.					
							36,376,427	42,796,412	1a
							372,104,425	332,307,858	1b
							61,710,970	53,134,042	2a
							65,989,156	55,429,316	2b
							536,180,978	483,667,628	3
							23,763,237	17,050,613	4
							41,208	521	5
							559,985,423	500,718,762	6
							31,290,652	20,679,231	7
							591,276,075	521,397,993	9
							...	...	11
							27,474,329	4,078,956	12
							259,134,051	249,219,934	13
							877,884,455	774,696,883	19
							127,810,906	120,075,963	20
							148,305,806	133,345,387	21
							78,907,131	65,893,041	22
							355,023,843	319,314,391	30
							214,505,725	180,996,953	31
							536,851	1,203,767	32
							570,066,419	501,515,111	33
							9,619,492	10,123,358	34
							- 647,555	- 115,994	35
							23,491,298	22,139,874	36
							- 11,253,579	- 12,264,356	37
							591,276,075	521,397,993	39
							...	...	40
							187,589,726	188,689,537	41
							99,018,654	64,609,353	42
							877,884,455	774,696,883	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

May 1967

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	5,392,068	416,297	-	5,808,365
1b	Processing plants .....	-	-	-	-	55,368,629	15,842,523	-	71,211,152
2	By distribution systems:								
2a	Fields .....	7,436	2,762	1,091,240	1,083,733	6,234,067	-	-	8,419,238
2b	Processing plants .....	-	-	-	1,419,827	10,202,009	40,142	-	11,661,978
3	Total (1 + 2) .....	7,436	2,762	1,091,240	2,503,560	77,196,773	16,298,962	-	97,100,733
4	Imports .....	-	-	-	-	-	-	4,984,144	4,984,144
5	Other receipts(1) .....	-	-	-	-	2,191	-	-	2,191
6	Total net receipts (3 + 4 + 5) .....	7,436	2,762	1,091,240	2,503,560	77,198,964	16,298,962	4,984,144	102,087,068
7	Received from storage .....	-	-	1,083,123	70,070	104,673	-	-	1,257,866
9	Total supply of gas utilities (6 + 7) .....	7,436	2,762	2,174,363	2,573,630	77,303,637	16,298,962	4,984,144	103,344,934
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	774,438	4,997,427	-	5,771,865
24	Alberta .....	-	-	-	-	15,785,617	-	6,164	15,791,781
25	Saskatchewan .....	-	-	-	3,507,294	2,529,399	-	-	6,036,693
26	Manitoba .....	-	-	-	-	3,385,395	-	-	3,385,395
27	Ontario .....	-	-	2,117,129	-	15,329,825	-	4,977,906	22,424,860
28	Quebec .....	-	2,762	-	-	2,713,108	-	-	2,715,870
29	New Brunswick .....	5,006	-	-	-	-	-	-	5,006
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	5,006	2,762	2,117,129	3,507,294	40,517,782	4,997,427	4,984,070	56,131,470
31	Exports .....	-	-	-	-	32,155,966	10,955,986	-	43,111,952
32	Other deliveries .....	-	-	-	-	44,130	-	-	44,130
33	Total net deliveries (30 + 31 + 32) .....	5,006	2,762	2,117,129	3,507,294	72,717,878	15,953,413	4,984,070	99,287,552
34	Delivered to storage .....	-	-	-	525,811	4,270,033	-	-	4,795,844
35	Line pack fluctuation .....	-	-	-	- 35,750	- 378,348	- 67,530	-	- 481,628
36	Gas used in system .....	78	-	31,704	93,971	3,569,816	616,826	-	4,312,395
37	Line losses and unaccounted for .....	2,352	-	25,530	-1,517,696	- 2,875,742	- 203,747	74	- 4,569,229
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,436	2,762	2,174,363	2,573,630	77,303,637	16,298,962	4,984,144	103,344,934

(1) Includes peak shaving and enrichment.



TABLE 4. Operating Statistics: Natural Gas Utilities

May 1967

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
May 1967:			
Daily average .....	2,431,554	1,810,693	3,357,529
Maximum(1) .....	2,863,424	...	...
Minimum(1) .....	2,262,271	...	...
Exports maximum(1) .....	1,237,814	...	...
May 1966:			
Daily average .....	2,202,240	1,604,947	2,935,958
Maximum(1) .....	2,502,311	...	...
Minimum(1) .....	1,824,936	...	...
Year to date 1967:			
Daily average .....	2,662,884	2,351,151	3,838,979
Maximum(1) .....	3,063,732	...	...
Minimum(1) .....	2,262,271	...	...
Commodity miles:			
Mcf. miles (thousands) .....	70,460,977	..	..
Ton-miles (millions) .....	1,606	..	..
Line pack:			
Beginning of month (Mcf.) .....	8,084,593	..	..
End of month (Mcf.) .....	7,649,673	..	..
Operating revenues .....	..	35,098,485	..

(1) Non-coincident.  
 .. Figures not available.  
 ... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

May 1967

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	67,043	117,443
Deliveries to ultimate customers .....	64,752	125,924
Line pack fluctuations .....	-	-
Gas used in system .....	-	908
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	2,291	- 9,389
Total disposition .....	67,043	117,443
Daily average sendout .....	2,163	3,788
Revenues .....	\$44,519	\$183,386

TABLE 6 Sales of Natural Gas

No.		May 1967			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	1,966	3,388	11,809
2	Quebec .....	87,989	202,720	829,692	1,412,031
3	Ontario .....	501,921	657,388	6,589,896	8,065,744
4	Manitoba .....	93,945	96,586	1,314,307	1,194,724
5	Saskatchewan .....	107,095	111,509	1,744,973	1,320,372
6	Alberta .....	240,904	243,418	3,801,106	2,130,786
7	British Columbia .....	158,849	179,111	1,155,172	1,696,418
8	Canada .....	1,190,803	1,492,698	15,438,534	15,831,884
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....	2,254	2,254	1,509,810	903,673
11	Ontario .....	7,174	7,174	11,036,415	6,539,514
12	Manitoba .....	280	280	1,112,185	347,206
13	Saskatchewan .....	574	574	3,323,378	837,209
14	Alberta .....	792	792	8,918,478	1,657,123
15	British Columbia .....	278	278	3,684,787	1,512,276
16	Canada .....	11,352	11,352	29,585,053	11,797,001
17	Firm .....		11,001	24,514,865	9,269,656
18	Interruptible .....		351	5,070,188	2,527,345
	Commercial:				
19	New Brunswick .....	60	60	1,591	3,752
20	Quebec .....	10,136	10,136	376,368	412,777
21	Ontario .....	57,016	57,016	4,798,549	3,553,109
22	Manitoba .....	8,644	8,644	958,903	690,304
23	Saskatchewan .....	15,183	15,183	968,342	537,593
24	Alberta .....	26,990	26,990	3,072,197	1,194,768
25	British Columbia .....	23,553	23,553	931,906	1,077,297
26	Canada .....	141,582	141,582	11,107,856	7,469,600
	Total sales:				
27	New Brunswick .....	2,026	2,026	4,979	15,561
28	Quebec .....	215,110	215,110	2,715,870	2,728,481
29	Ontario .....	721,578	721,578	22,424,860	18,158,367
30	Manitoba .....	105,510	105,510	3,385,395	2,232,234
31	Saskatchewan .....	127,266	127,266	6,036,693	2,695,774
32	Alberta .....	271,200	271,200	15,791,781	4,982,677
33	British Columbia .....	202,942	202,942	5,771,865	4,285,991
34	Canada .....	1,645,632	1,645,632	56,131,443	35,098,485

(1) Estimated.  
r Revised figures.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		May 1967		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	11,894	81,709	128,563
2	Industrial .....	42	1,252	1,322
3	Commercial .....	2,424	42,963	53,501
4	Total .....	14,360	125,924	183,386

TABLE 6. Sales of Natural Gas

		May 1966					
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.	
		Space heating	Total				
Mcf.	\$	No.		Mcf.	\$		
1.7	3.49	100	2,073	3,694	12,795	1	
4.1	1.70	83,153	202,354	608,602	1,379,157	2	
10.0	1.22	463,415	639,570	6,637,608	8,113,976	3	
13.6	0.91	86,394	89,429	1,133,420	1,039,307	4	
15.6	0.76	97,853	101,895	1,544,820	1,176,686	5	
15.6	0.56	229,600	236,319	3,185,762	1,865,524	6	
6.4	1.47	147,411	168,960	1,184,037	1,867,226(1)	7	
10.3	1.03	1,107,926	1,440,600	14,297,943	15,454,671	8	
-	-	-	-	-	-	9	
669	0.60		2,364	1,578,582	845,923	10	
1,538	0.59		6,825	10,376,458	5,565,315	11	
3,972	0.31		278	1,025,359	317,329	12	
5,790	0.25		553	2,721,282	508,895	13	
11,260	0.19		555	7,676,941	1,419,339	14	
13,254	0.41		238	3,388,093	1,416,223(1)	15	
2,606	0.40		10,813 <sup>F</sup>	26,766,715	10,073,024	16	
2,460	0.25		10,305 <sup>F</sup>	20,096,254	7,498,664	17	
7,200	0.50		508	6,670,461	2,574,360	18	
26.6	2.36		52	1,397	3,041	19	
37.1	1.10		9,806	190,597	280,926	20	
84.1	0.74		54,082	3,477,847	3,249,348	21	
110.9	0.72		7,992	839,221	609,577	22	
63.7	0.56		14,097	950,129	663,789	23	
113.8	0.39		26,285	2,479,114	989,652	24	
41.3	1.16		22,311	750,407	992,250(1)	25	
78.4	0.67		134,625 <sup>F</sup>	8,688,712	6,718,583	26	
2.5	3.13		2,125	5,091	15,836	27	
12.6	1.00		214,524	2,377,781	2,506,006	28	
31.0	0.81		700,477	20,491,913	16,928,639	29	
32.1	0.66		97,699	2,998,000	1,966,213	30	
47.4	0.45		116,545	5,216,231	2,349,370	31	
58.2	0.32		263,159	13,341,817	4,274,515	32	
28.4	0.74		191,509	5,322,537	4,205,699(1)	33	
34.1	0.63		1,586,038	49,753,370	32,246,278	34	

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

May 1967				No.
Manufactured gas				
Customers	Gas sold		Revenue	No.
No.	Mcf.		\$	
1,966	9,983		13,644	1
32	41,211		15,168	2
577	13,558		15,707	3
2,575	64,752		44,519	4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	May 1967			
	Residential	Industrial	Commercial	Total
Sales:	Mcf.			
New Brunswick .....	4,108	-	1,930	6,038
Quebec .....	691,363	1,648,139	376,368	2,715,870
Ontario .....	6,632,404	12,123,876	3,822,192	22,578,472
Manitoba .....	1,325,810	1,120,277	968,850	3,414,937
Saskatchewan .....	1,754,447	3,341,422	973,600	6,069,469
Alberta .....	4,087,809	9,366,596	3,279,482	16,733,887
British Columbia .....	881,334	3,891,381	984,610	5,757,325
Canada .....	15,377,275	31,491,691	10,407,032	57,275,998

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	May 1967						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
Exports .....	Mcf.						
Imports .....	40,849	324,197	6,572,670	2,279,800	35,165,657	44,383,173	222,525,743
	-	4,980,802	-	6,238	-	4,987,040	23,770,733

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	May 1967	
	Liquefied petroleum gases	Manufactured gas
Totals .....	Mcf.	
	109,070	50,702

TABLE 11. Exports and Imports to and from the United States

May 1967

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	40,445	-
Ontario - Cornwall .....	321,943	-
Niagara Falls .....	-	2,642,807
Ojibway .....	-	2,335,099
Total Ontario .....	362,388	4,977,906
Manitoba - Emerson .....	6,507,594	-
Alberta - Aden .....	1,569,547	-
Carway .....	1,232,478	-
Coutts .....	191	6,238
Total Alberta .....	9,309,810	6,238
British Columbia - Kingsgate - U.S.A. District V South(1)	17,361,735	-
Other U.S.A. ....	3,725,923	-
Huntingdon .....	12,352,096	-
Total British Columbia .....	33,439,754	-
Canada - 1967 .....	43,111,952	4,984,144
1966 .....	34,965,898	4,011,532
Year to date - 1967 .....	214,505,725	23,763,236
1966 .....	180,966,953	17,050,613
Value - May 1967 ..... (\$)	11,129,552	2,188,929
May 1966 ..... (\$)	9,002,051	1,770,113

(1) California, Nevada, Arizona.





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 9, No. 6

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

JUNE 1967

During June field gathering systems and processing plants delivered to gas utilities 83,658,029 Mcf. of natural gas. The transport systems accounted for 67,116,048 Mcf. and the distribution systems 16,541,981 Mcf. Natural gas imported from the U.S.A. was 4,773,750 Mcf. and the volume recovered from storage was 563,188 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over June 1966	Revenue \$'000	% of total revenue
Ultimate customers .....	41,798	47.0	8.2	24,211	69.0
Exports .....	38,777	43.6	14.2	10,862	31.0
Other uses and adjustments .....	8,423	9.4	...	...	...
Totals .....	88,998	100.0	9.0	35,073	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 62.2 billion commodity (Mcf.) miles (1,417 million ton miles) during June compared with 59.6 billion (Mcf.) miles (1,360 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.0 million Mcf.

Alberta natural gas utilities receipts totalled 67.5 billion cubic feet; of this 17.8 per cent was sold to ultimate customers in Alberta, 16.6 per cent in Ontario, 3.5 per cent in Quebec, 1.8 per cent in Saskatchewan, 0.8 per cent in British Columbia and 2.2 per cent in Manitoba. Exports accounted for 44.0 per cent and the remaining 13.3 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during June compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales '000 Mcf.	% of total sales	% increase over June 1966	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	7,909	18.9	- 1.8	9,124	37.7	1,491
Industrial .....	28,575	68.4	11.4	10,867	44.9	11
Commercial .....	5,314	12.7	8.2	4,220	17.4	140
Totals .....	41,798	100.0	8.2	24,211	100.0	1,642

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive view of the Supply and Disposition of Natural Gas.

Industry Division

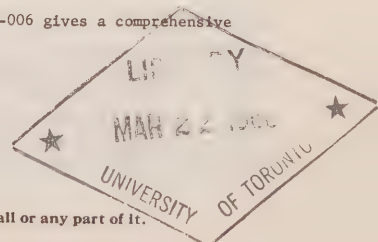
February 1968  
503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

June 1967

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	
1b	Processing plants .....	-	-	
2	By distribution systems:			
2a	Fields .....	6,381	6,278	1,115,201
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	6,381	6,278	1,115,201
4	Imports .....	-	-	4,770,215
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	6,381	6,278	5,885,416
7	Received from storage .....	-	-	479,936
9	Total supply of gas utilities (6 + 7) .....	6,381	6,278	6,365,352
	Transfers from:			
11	Other provinces .....	-	2,509,635	21,612,900
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	2,146,698	26,446,546
19	Total gross receipts (9 + 11 + 12 + 13) ...	6,381	4,662,611	54,424,798
	<u>Disposition</u>			
	Sales:			
20	Residential .....	3,408	239,380	3,773,881
21	Industrial .....	-	1,901,127	11,949,345
22	Commercial .....	1,596	240,994	1,999,905
30	Total sales (20 + 21 + 22) .....	5,004	2,381,501	17,723,131
31	Exports .....	-	22,475	228,798
32	Other deliveries .....	-	-	15
33	Total net deliveries (30 + 31 + 32) .....	5,004	2,403,976	17,951,944
34	Delivered to storage .....	-	-	8,166,049
35	Line pack fluctuation .....	-	- 48	28,578
36	Gas used in system .....	7	4,623	1,768,962
37	Line losses and unaccounted for .....	1,370	107,362	- 2,446,916
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,381	2,515,913	25,468,617
	Transfers to:			
40	Other provinces .....	-	-	2,509,635
41	Distribution by transport (primary) .....	-	-	20,242,643
42	Other gas utilities .....	-	2,146,698	6,203,903
49	Total disposition (39 + 40 + 41 + 42) .....	6,381	4,662,611	54,424,798

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

JUNE 1967

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	1966	No.
					Canada	
Mcf.						
-	-	4,476,189	15,367	4,491,556	5,281,175	1a
-	-	49,935,440	12,689,052	62,624,492	56,187,196	1b
-	892,764	3,857,499	-	5,878,123	6,646,115	2a
-	1,398,549	9,236,899	28,410	10,663,858	9,125,482	2b
-	2,291,313	67,506,027	12,732,829	83,658,029	77,239,968	3
-	-	3,535	-	4,773,750	3,860,984	4
3,501	-	-	-	3,501	5,664	5
3,501	2,291,313	67,509,562	12,732,829	88,435,280	81,106,616	6
-	62,158	21,094	-	563,188	- 86,850	7
3,501	2,353,471	67,530,656	12,732,829	88,998,468	81,019,766	9
29,669,925	31,621,463	-	21,478,238	...	...	11
-	1,710,814	1,347,948	-	3,058,762	1,992,557	12
1,291,151	1,614,000	2,663,045	3,924,816	38,086,256	39,477,920	13
30,964,577	37,299,748	71,541,649	38,135,883	130,143,486	122,490,243	19
497,581	846,934	2,007,460	541,027	7,909,671	8,053,877	20
771,018	2,834,655	8,272,544	2,846,061	28,574,750	25,648,428	21
378,636	440,890	1,680,430	571,390	5,313,841	4,911,226	22
1,647,235	4,122,479	11,960,434	3,958,478	41,798,262	38,613,531	30
6,310,294	-	2,413,980	29,801,202	38,776,749	32,785,690	31
-	-	29,939	-	29,954	175,691	32
7,957,529	4,122,479	14,404,353	33,759,680	80,604,965	71,574,912	33
-	282,247	288,608	-	8,736,904	10,136,945	34
21,769	78,977	- 137,486	46,125	37,915	- 205,023	35
414,525	746,724	256,892	469,422	3,661,155	3,488,423	36
- 333,297	- 925,418	- 381,412	- 64,160	- 4,042,470	- 3,975,491	37
8,060,526	4,305,009	14,430,955	34,211,067	88,998,468	81,019,766	39
21,612,900	29,669,925	53,099,701	-	...	...	40
1,291,151	1,614,000	145,493	3,830,281	27,123,568	29,468,374	41
-	1,710,814	3,865,500	94,535	14,021,450	12,002,103	42
30,964,577	37,299,748	71,541,649	38,135,883	130,143,486	122,490,243	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,465,265	7,589,123	8,250,295	6,263,379	5,808,365
1b	Processing plants .....	78,771,451	70,197,341	78,413,384	73,511,097	71,211,152
2	By distribution systems:					
2a	Fields .....	15,707,256	13,120,081	13,960,144	10,504,251	8,419,238
2b	Processing plants .....	14,791,017	12,488,766	14,048,494	12,998,901	11,661,978
3	Total (1 + 2) .....	117,734,989	103,395,311	114,672,317	103,277,628	97,100,733
4	Imports .....	4,379,773	3,837,708	4,959,518	5,602,094	4,984,144
5	Other receipts(1) .....	23,683	13,514	903	917	2,191
6	Total net receipts (3 + 4 + 5) .....	122,138,445	107,246,533	119,632,738	108,880,639	102,087,068
7	Received from storage .....	8,346,900	12,781,478	7,013,740	1,890,668	1,257,866
9	Total supply of gas utilities (6 + 7) .....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	6,345,214	5,127,330	6,144,645	6,211,372	3,645,768
13	Other gas utilities .....	56,422,445	53,253,749	55,909,055	49,915,357	43,633,445
19	Total gross receipts (9 + 11 + 12 + 13) ...	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147
	<u>Disposition</u>					
	Sales:					
20	Residential .....	31,158,284	30,687,889	28,870,048	21,656,133	15,438,552
21	Industrial .....	29,418,788	27,288,180	31,285,178	30,728,607	30,586,654 <sup>r</sup>
22	Commercial .....	18,494,795	18,232,554	17,024,248	14,047,669	10,106,264 <sup>r</sup>
30	Total sales (20 + 21 + 22) .....	79,071,867	76,208,623	77,179,474	66,432,409	56,131,470
31	Exports .....	43,700,898	40,121,156	44,865,129	42,706,590	43,111,952
32	Other deliveries .....	241,834	94,608	92,079	64,200	44,130
33	Total net deliveries (30 + 31 + 32) .....	123,014,599	116,424,387	122,136,682	109,203,199	99,287,552
34	Delivered to storage .....	311,925	675,440	1,207,130	2,629,153	4,795,844
35	Line pack fluctuation .....	29,177	- 238,840	136,621	- 92,885	- 481,628
36	Gas used in system .....	5,101,044	4,307,636	5,183,681	4,586,542	4,312,395
37	Line losses and unaccounted for .....	2,028,600	- 1,140,612	- 2,017,636	- 5,554,702	- 4,569,229
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	42,803,077	38,618,252	38,291,533	35,610,617	32,266,247
42	Other gas utilities .....	19,964,582	19,762,827	23,762,167	20,516,112	15,012,966
49	Total disposition (39 + 40 + 41 + 42) .....	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147

(1) Includes peak shaving and enrichment.

<sup>r</sup> Revised figures.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

June	July	August	September	October	November	December	Year to date		No.
							1967	1966	
Mcf.									
4,491,556							40,867,983	48,077,587	1a
62,624,492							434,728,917	388,495,054	1b
5,878,123							67,589,093	59,775,225	2a
10,663,858							76,653,014	64,554,798	2b
83,658,029							619,839,007	560,902,664	3
4,773,750							28,536,987	20,911,597	4
3,501							44,709	6,185	5
88,435,280							648,420,703	581,820,446	6
563,188							31,853,840	20,592,381	7
88,998,468							680,274,543	602,412,827	9
...							...	...	11
3,058,762							30,533,091	6,071,513	12
38,086,256							297,220,307	288,697,854	13
130,143,486							1,008,027,941	897,182,194	19
7,909,671							135,720,577	128,129,840	20
28,574,750							177,882,157	158,993,815	21
5,313,841							83,219,371	70,804,267	22
41,798,262							396,822,105	357,927,922	30
38,776,749							253,282,474	213,782,643	31
29,954							566,805	1,379,458	32
80,604,965							650,671,384	573,090,023	33
8,736,904							18,356,396	20,260,303	34
37,915							- 609,640	321,017	35
3,661,155							27,152,453	25,628,297	36
- 4,042,471							- 15,296,050	- 16,244,779	37
88,998,468							680,274,543	602,412,827	39
...							...	...	40
27,123,568							214,713,294	218,157,911	41
14,021,450							113,040,104	76,611,456	42
130,143,486							1,008,027,941	897,182,194	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

June, 1967

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	4,476,189	15,367	-	4,491,556
1b	Processing plants .....	-	-	-	-	49,935,440	12,689,052	-	62,624,492
2	By distribution systems:								
2a	Fields .....	6,381	6,278	1,115,201	892,764	3,857,499	-	-	5,878,123
2b	Processing plants .....	-	-	-	1,398,549	9,236,899	28,410	-	10,663,858
3	Total (1 + 2) .....	6,381	6,278	1,115,201	2,291,313	67,506,027	12,732,829		83,658,029
4	Imports .....	-	-	-	-	-	-	4,773,750	4,773,750
5	Other receipts(1) .....	-	-	-	-	3,501	-	-	3,501
6	Total net receipts (3 + 4 + 5) .....	6,381	6,278	1,115,201	2,291,313	67,509,528	12,732,829	4,773,750	88,435,280
7	Received from storage .....	-	-	479,936	62,158	21,094	-	-	563,188
9	Total supply of gas utilities (6 + 7) .....	6,381	6,278	1,595,137	2,353,471	67,530,622	12,732,829	4,773,750	88,998,468
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	547,361	3,411,117	-	3,958,478
24	Alberta .....	-	-	-	-	11,956,770	-	3,664	11,960,434
25	Saskatchewan .....	-	-	-	2,898,825	1,223,654	-	-	4,122,479
26	Manitoba .....	-	-	-	96,814	1,550,421	-	-	1,647,235
27	Ontario .....	-	-	1,748,997	-	11,203,919	-	4,770,215	17,723,131
28	Quebec .....	-	6,278	-	-	2,375,223	-	-	2,381,501
29	New Brunswick .....	5,004	-	-	-	-	-	-	5,004
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	5,004	6,278	1,748,997	2,995,639	28,857,348	3,411,117	4,773,879	41,798,262
31	Exports .....	-	-	-	-	29,780,564	8,996,185	-	38,776,749
32	Other deliveries .....	-	-	-	-	29,954	-	-	29,954
33	Total net deliveries (30 + 31 + 32) .....	5,004	6,278	1,748,997	2,995,639	58,667,866	12,407,302	4,773,879	80,604,965
34	Delivered to storage .....	-	-	-	282,247	8,454,657	-	-	8,736,904
35	Line pack fluctuation .....	-	-	-	- 15,354	9,551	43,718	-	37,915
36	Gas used in system .....	7	-	48,782	58,801	3,215,812	337,753	-	3,661,155
37	Line losses and unaccounted for .....	1,370	-	- 202,642	- 967,862	- 2,817,264	- 55,944	- 129	- 4,042,471
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,381	6,278	1,595,137	2,353,471	67,530,622	12,732,829	4,773,750	88,998,468

TABLE 4. Operating Statistics: Natural Gas Utilities

June 1967

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
June 1967:			
Daily average .....	2,274,837	1,393,275	2,978,062
Maximum(1) .....	2,501,607	...	...
Minimum(1) .....	2,054,333	...	...
Exports maximum(1) .....	1,444,229	...	...
June 1966:			
Daily average .....	2,075,135	1,287,118	2,723,729
Maximum(1) .....	2,324,881	...	...
Minimum(1) .....	1,916,144	...	...
Year to date 1967:			
Daily average .....	2,221,522	1,961,458	3,202,685
Maximum(1) .....	3,354,590	...	...
Minimum(1) .....	1,721,913	...	...
Commodity miles:			
Mcf. miles (thousands) .....	62,169,297	..	..
Ton-miles (millions) .....	1,417	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,649,673	..	..
End of month (Mcf.) .....	7,691,022	..	..
Operating revenues .....	..	\$24,211,267	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

June 1967

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	50,958	68,992
Deliveries to ultimate customers .....	52,124	71,910
Line pack fluctuations .....		769
Gas used in system .....		
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 1,166	- 3,687
Total disposition .....	50,958	68,992
Daily average sendout .....	1,699	2,299
Revenues .....	\$33,715	\$114,160

TABLE 6. Sales of Natural Gas

No.		June 1967			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
<b>Residential:</b>					
1	New Brunswick .....	100	1,939	3,408	11,884
2	Quebec .....	87,036	201,413	239,380	747,337
3	Ontario .....	510,406	660,212	3,773,881	4,840,169
4	Manitoba .....	94,396	97,008	497,581	541,820
5	Saskatchewan .....	103,725	108,008	846,934	797,821
6	Alberta .....	240,737	243,029	2,007,460	1,388,498
7	British Columbia .....	159,004	179,110	541,027	796,508
8	Canada .....	1,195,404	1,490,719	7,909,671	9,124,037
<b>Industrial:</b>					
9	New Brunswick .....	-	-	-	-
10	Quebec .....	-	2,255	1,901,127	880,637
11	Ontario .....	-	7,205	11,949,345	6,316,518
12	Manitoba .....	-	285	771,018	246,557
13	Saskatchewan .....	-	567	2,834,655	723,119
14	Alberta .....	-	543	8,272,544	1,537,033
15	British Columbia .....	-	277	2,846,061	1,163,291
16	Canada .....	-	11,132	28,574,750	10,867,155
17	Firm .....	-	10,759	25,350,407	8,344,169
18	Interruptible .....	-	373	3,224,343	2,522,986
<b>Commercial:</b>					
19	New Brunswick .....	-	60	1,596	3,695
20	Quebec .....	-	10,152	240,994	282,768
21	Ontario .....	-	56,733	1,999,905	1,998,088
22	Manitoba .....	-	8,648	378,636	296,037
23	Saskatchewan .....	-	14,412	440,890	275,079
24	Alberta .....	-	27,060	1,680,430	689,350
25	British Columbia .....	-	23,336	571,390	675,258
26	Canada .....	-	140,401	5,313,841	4,220,275
<b>Total sales:</b>					
27	New Brunswick .....	-	1,999	5,004	15,579
28	Quebec .....	-	213,820	2,381,501	1,910,742
29	Ontario .....	-	724,150	17,723,131	13,154,775
30	Manitoba .....	-	105,941	1,647,235	1,084,414
31	Saskatchewan .....	-	122,987	4,122,479	1,796,019
32	Alberta .....	-	270,632	11,960,434	3,614,881
33	British Columbia .....	-	202,723	3,958,478	2,635,057
34	Canada .....	-	1,642,252	41,798,262	24,211,467

(1) Estimated.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		June 1967		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	13,934	42,383	78,077
2	Industrial .....	39	800	841
3	Commercial .....	2,688	28,727	35,242
4	Total .....	16,661	71,910	114,160

TABLE 6. Sales of Natural Gas

June 1967		June 1966				No.
Sales per customer Mcf.	Revenue per Mcf. \$	Customers		Gas sold Mcf.	Revenue \$	
		Space heating No.	Total			
1.8	3.49	100	2,065	3,447	11,995	1
1.2	3.12	82,351	200,370	268,320	717,724	2
5.7	1.28	490,899	637,421	3,638,531	4,699,735	3
5.1	1.09	87,173	90,164	518,473	546,862	4
7.4	0.94	100,606	104,762	954,415	853,003	5
8.3	0.69	229,304	234,929	1,907,574	1,330,322	6
3.0	1.47	147,779	168,860	763,117	1,205,725 (1)	7
5.3	1.15	1,138,212	1,438,571	8,053,877	9,365,366	8
-	-	-	-	-	-	9
843	0.46		2,371	1,968,804	873,231	10
1,658	0.53		6,811	9,967,056	5,241,097	11
6,214	0.32		276	856,323	270,663	12
4,999	0.26		550	2,630,436	636,692	13
15,235	0.19		662	7,137,464	1,319,691	14
10,275	0.41		250	3,088,345	1,297,105 (1)	15
2,567	0.38		10,920	25,648,428	9,638,479	16
2,356	0.33		10,337	18,821,533	7,038,473	17
8,644	0.78		583	6,826,895	2,600,006	18
26.6	2.32		52	1,153	2,603	19
23.7	1.17		9,744	118,829	169,392	20
35.3	1.00		53,758	1,822,975	1,837,098	21
43.8	0.78		7,988	381,154	293,509	22
30.6	0.62		14,019	464,030	294,293	23
62.1	0.41		26,420	1,557,192	655,883	24
24.5	1.18		22,242	565,893	696,048 (1)	25
37.8	0.79		134,223	4,911,226	3,948,826	26
2.5	3.11		2,117	4,600	14,598	27
11.5	0.79		212,485	2,355,953	1,760,347	28
24.5	0.74		697,990	15,428,562	11,777,930	29
15.5	0.66		98,428	1,755,950	1,111,034	30
33.5	0.44		119,331	4,048,881	1,783,988	31
44.2	0.30		262,011	10,602,230	3,305,896	32
19.5	0.67		191,352	4,417,355	3,198,878	33
25.5	0.58		1,583,714	38,613,531	22,952,671	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

June 1967				No.
Manufactured gas				
Customers No.	Gas sold Mcf.	Revenue \$		
1,920	5,186	6,424	1	
555	34,263	13,226	2	
29	12,675	14,065	3	
2,504	52,124	33,715	4	



TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	June 1967			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	4,110	-	1,926	6,036
Quebec .....	241,367	1,915,321	243,061	2,399,749
Ontario .....	3,793,970	12,024,224	2,011,371	17,829,565
Manitoba .....	504,938	781,185	383,320	1,669,443
Saskatchewan .....	851,532	2,850,427	442,902	4,144,861
Alberta .....	2,170,818	8,787,714	1,826,905	12,785,437
British Columbia .....	568,112	2,985,462	601,107	4,154,681
Canada .....	8,134,847	29,344,333	5,510,592	42,989,772

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	June 1967						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	22,610	230,171	6,360,776	2,396,363	31,246,692	40,256,612	262,782,355
Imports .....	-	4,803,223	-	3,535	-	4,806,758	28,577,491

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	June 1967	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	59,335	25,936

TABLE 11. Exports and Imports to and from the United States

June 1967

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	22,475	-
Ontario - Cornwall .....	228,798	-
Niagara Falls .....		2,521,071
Ojibway .....		2,249,144
Total Ontario .....	228,798	4,770,215
Manitoba - Emerson .....	6,310,294	-
Alberta - Aden .....	1,213,074	-
Carway .....	1,200,572	-
Coutts .....	334	3,535
Total Alberta .....	2,413,980	3,535
British Columbia - Kingsgate - U.S.A. District V South(1)	19,647,707	-
Other U.S.A. ....		-
Huntingdon .....	10,153,495	-
Total British Columbia .....	29,801,202	-
Canada - June 1967 .....	38,776,749	4,773,750
June 1966 .....	32,785,690	3,860,984
Year to date - 1967 .....	253,282,471	28,536,987
1966 .....	213,782,643	20,911,597
Value - June 1967 .....	10,861,889	2,111,493
June 1966 .....	8,447,407	1,701,376

(1) California, Nevada, Arizona.



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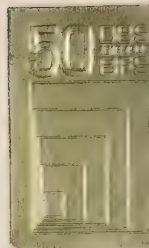
55-002

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce



Vol. 9, No. 7

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

JULY 1967

During July field gathering systems and processing plants delivered to gas utilities 84,093,755 Mcf. of natural gas. The transport systems accounted for 68,135,115 Mcf. and the distribution systems 15,958,640 Mcf. Natural gas imported from the U.S.A. was 4,012,901 Mcf. and the volume recovered from storage was 60,779 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over July 1966	Revenue \$'000	% of total revenue
Ultimate customers .....	34,784	39.5	15.6	19,537	65.5
Exports .....	39,458	44.8	16.8	10,275	34.5
Other uses and adjustments .....	13,927	15.7	...	...	...
Totals .....	88,169	100.0	8.8	29,812	100.0

... Figures not appropriate or applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 62.2 billion commodity (Mcf.) miles (1430 million ton miles) during July compared with 59.9 billion (Mcf.) miles (1366 million ton miles) last year. The daily average deliveries of gas utilities amounted to 2.7 million Mcf.

Alberta natural gas utilities receipts totalled 67,578 billion cubic feet; of this 16.0 per cent was sold to ultimate customers in Alberta, 12.1 per cent in Ontario, 3.2 per cent in Quebec, 1.6 per cent in Saskatchewan, 0.6 per cent in British Columbia and 1.9 per cent in Manitoba. Exports accounted for 44.8 per cent and the remaining 19.8 per cent was other deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during July compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales '000 Mcf.	% of total sales	% increase over July 1966	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	4,660	13.4	7.1	6,374	32.6	1,487
Industrial .....	26,527	76.2	17.3	10,226	52.4	11
Commercial .....	3,597	10.4	14.3	2,937	15.0	140
Totals .....	34,784	100.0	15.6	19,537	100.0	1,638

All gas volumes in Tables 1-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Industry Division

April 1968  
503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

July 1967

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	6,439	4,869	131,481
2b	Processing plants .....	-	-	839,006
3	Total (1 + 2) .....	6,439	4,869	970,487
4	Imports .....	-	-	4,010,928
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	6,439	4,869	4,981,415
7	Received from storage .....	-	-	14,623
9	Total supply of gas utilities (6 + 7) .....	6,439	4,869	4,996,038
	Transfers from:			
11	Other provinces .....	-	2,335,327	21,452,405
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	2,001,054	25,958,390
19	Total gross receipts (9 + 11 + 12 + 13) ...	6,439	4,341,250	52,406,833
	<u>Disposition</u>			
	Sales:			
20	Residential .....	2,868	406,399	1,787,738
21	Industrial .....	-	1,526,338	10,122,694
22	Commercial .....	1,178	209,871	1,271,886
30	Total sales (20 + 21 + 22) .....	4,046	2,142,608	13,182,318
31	Exports .....	-	21,105	213,674
32	Other deliveries .....	-	-	7
33	Total net deliveries (30 + 31 + 32) .....	4,046	2,163,713	13,395,999
34	Delivered to storage .....	-	5	8,870,796
35	Line pack fluctuation .....	-	-	- 45,191
36	Gas used in system .....	-	5,185	1,678,164
37	Line losses and unaccounted for .....	2,393	171,293	213,348
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,439	2,340,196	24,113,116
	Transfers to:			
40	Other provinces .....	-	-	2,335,327
41	Distribution by transport (primary) .....	-	2,001,054	19,341,858
42	Other gas utilities .....	-	-	6,616,532
49	Total disposition (39 + 40 + 41 + 42) .....	6,439	4,341,250	52,406,833

(1) Includes peak shaving and enrichment.



TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

July 1967

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	1966	No.
					Canada	
Mcf.						
-	-	4,440,480	426,732	4,867,212	4,243,876	1a
-	-	50,547,980	12,719,923	63,267,903	57,490,254	1b
-	862,891	3,244,844	-	4,250,524	6,014,795	2a
-	1,512,837	9,329,155	27,118	11,708,116	9,289,844	2b
-	2,375,728	67,562,459	13,173,773	84,093,755	77,038,769	3
-	-	1,973	-	4,012,901	3,949,896	4
2,016	-	-	-	2,016	639	5
2,016	2,375,728	67,564,432	13,173,773	88,108,672	80,989,304	6
-	32,928	13,228	-	60,779	43,835	7
2,016	2,408,656	67,577,660	13,173,773	88,169,451	81,033,139	9
28,894,299	30,688,717	-	22,844,146	-	-	11
-	2,310,288	1,304,770	-	3,615,058	28,704,303	12
1,319,179	1,524,645	2,988,367	3,844,665	37,636,300	13,447,072	13
30,215,494	36,932,306	71,870,797	39,862,584	129,420,809	123,184,514	19
287,985	487,124	1,182,277	505,830	4,660,221	4,351,348	20
955,686	2,660,741	8,391,549	2,869,752	26,526,760	22,604,434	21
201,112	256,472	1,239,713	417,253	3,597,485	3,145,706	22
1,444,783	3,404,337	10,813,539	3,792,835	34,784,466	30,101,488	30
5,580,353	-	2,311,399	31,331,446	39,457,977	33,789,120	31
-	-	23,239	-	23,246	170,419	32
7,025,136	3,404,337	13,148,177	35,124,281	74,265,689	64,061,027	33
-	454,295	236,537	-	9,561,633	13,046,056	34
- 33,894	- 151,734	- 70,404	71,635	- 229,588	227,197	35
399,370	724,825	512,498	617,335	3,937,377	3,719,203	36
53,298	- 228,649	217,989	204,668	634,340	- 20,344	37
7,443,910	4,203,074	14,044,797	36,017,919	88,169,451	81,033,139	39
21,452,405	28,894,299	53,532,863	-	-	-	40
1,319,179	1,524,645	103,897	3,841,907	28,132,540	28,704,303	41
-	2,310,288	4,189,240	2,758	13,118,818	13,447,072	42
30,215,494	36,932,306	71,870,797	39,862,584	129,420,809	123,184,514	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,465,265	7,589,123	8,250,295	6,263,379	5,808,365
1b	Processing plants .....	78,771,451	70,197,341	78,413,384	73,511,097	71,211,152
2	By distribution systems:					
2a	Fields .....	15,707,256	13,120,081	13,960,144	10,504,251	8,419,238
2b	Processing plants .....	14,791,017	12,488,766	14,048,494	12,998,901	11,661,978
3	Total (1 + 2) .....	117,734,989	103,395,311	114,672,317	103,277,628	97,100,733
4	Imports .....	4,379,773	3,837,708	4,959,518	5,602,094	4,984,144
5	Other receipts(1) .....	23,683	13,514	903	917	2,191
6	Total net receipts (3 + 4 + 5) .....	122,138,445	107,246,533	119,632,738	108,880,639	102,087,068
7	Received from storage .....	8,346,900	12,781,478	7,013,740	1,890,668	1,257,866
9	Total supply of gas utilities (6 + 7) .....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	6,345,214	5,127,330	6,144,645	6,211,372	3,645,768
13	Other gas utilities .....	56,422,445	53,253,749	55,909,055	49,915,357	43,633,445
19	Total gross receipts (9 + 11 + 12 + 13) ...	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147
	<u>Disposition</u>					
	Sales:					
20	Residential .....	31,158,284	30,687,889	28,870,048	21,656,133	15,438,552
21	Industrial .....	29,418,788	27,288,180	31,285,178	31,040,115	30,586,654
22	Commercial .....	18,494,795	18,232,554	17,024,248	13,736,161	10,106,264
30	Total sales (20 + 21 + 22) .....	79,071,867	76,208,623	77,179,474	66,432,409	56,131,470
31	Exports .....	43,700,898	40,121,156	44,865,129	42,706,590	43,111,952
32	Other deliveries .....	241,834	94,608	92,079	64,200	44,130
33	Total net deliveries (30 + 31 + 32) .....	123,014,599	116,424,387	122,136,682	109,203,199	99,287,552
34	Delivered to storage .....	311,925	675,440	1,207,130	2,629,153	4,795,844
35	Line pack fluctuation .....	29,177	- 238,840	136,621	- 92,885	- 481,628
36	Gas used in system .....	5,101,044	4,307,636	5,183,681	4,586,542	4,312,395
37	Line losses and unaccounted for .....	2,028,600	- 1,140,612	- 2,017,636	- 5,554,702	- 4,569,229
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	42,803,077	38,618,252	38,291,533	35,610,617	32,266,247
42	Other gas utilities .....	19,964,582	19,762,827	23,762,167	20,516,112	15,012,966
49	Total disposition (39 + 40 + 41 + 42) .....	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

June	July	August	September	October	November	December	Year to date		No.
							1967	1966	
Mcf.									
4,491,556 62,624,492	4,867,212 63,267,903						45,735,195 497,996,820	52,321,463 445,985,308	1a 1b
5,878,123 10,663,858	4,250,524 11,708,116						71,839,617 88,361,130	65,796,360 73,844,642	2a 2b
83,658,029	84,093,755						703,932,762	637,947,773	3
4,773,750 3,501	4,012,901 2,016						32,549,888 46,725	24,861,493 6,824	4 5
88,435,280	88,108,672						736,529,375	662,816,090	6
563,188	60,779						31,914,619	20,636,216	7
88,998,468	88,169,451						768,443,994	683,452,306	9
...	...						...	...	11
3,058,762	3,615,058						34,148,149	8,856,283	12
38,086,256	37,636,300						334,856,607	328,053,245	13
130,143,486	129,420,809						1,137,448,750	1,020,361,834	19
7,909,671 28,574,750 5,313,841	4,660,221 26,526,760 3,597,485						140,380,798 204,408,917 86,816,856	132,482,596 181,598,249 73,949,973	20 21 22
41,798,262	34,784,466						431,606,571	388,030,818	30
38,776,749 29,954	39,457,977 23,246						292,740,451 590,051	247,571,763 1,549,877	31 32
80,604,965	74,265,689						724,937,073	637,152,458	33
8,736,904 37,915	9,561,633 - 229,588						27,918,029 - 839,228	33,306,359 - 93,820	34 35
3,661,155 - 4,042,471	3,937,377 634,340						31,089,830 - 14,661,710	29,347,500 - 16,260,191	36 37
88,998,468	88,169,451						768,443,994	683,452,306	39
...	...						...	...	40
27,123,568 14,021,450	28,132,540 13,118,818						242,845,834 126,158,922	246,851,000 90,058,528	41 42
130,143,486	129,420,809						1,137,448,750	1,020,361,834	49

... Figures not appropriate or applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

July 1967

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	4,440,480	426,732	-	4,867,212
1b	Processing plants .....	-	-	-	-	50,547,980	12,719,923	-	63,267,903
2	By distribution systems:								
2a	Fields .....	6,439	4,869	131,481	862,891	3,244,844	-	-	4,250,524
2b	Processing plants .....	-	-	839,006	1,512,837	9,329,155	27,118	-	11,708,116
3	Total (1 + 2) .....	6,439	4,869	970,487	2,375,728	67,562,459	13,173,773	-	84,093,755
4	Imports .....	-	-	-	-	-	-	4,012,901	4,012,901
5	Other receipts (1) .....	-	-	-	-	2,016	-	-	2,016
6	Total net receipts (3 + 4 + 5) .....	6,439	4,869	970,487	2,375,728	67,564,475	13,173,773	4,012,901	88,108,672
7	Received from storage .....	-	-	14,623	32,928	13,228	-	-	60,779
9	Total supply of gas utilities (6 + 7) .....	6,439	4,869	985,110	2,408,656	67,577,703	13,173,773	4,012,901	88,169,451
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	433,514	3,359,321	-	3,792,835
24	Alberta .....	-	-	-	-	10,811,556	-	1,983	10,813,539
25	Saskatchewan .....	-	-	-	2,333,252	1,071,085	-	-	3,404,337
26	Manitoba .....	-	-	-	150,808	1,293,975	-	-	1,444,783
27	Ontario .....	-	-	965,533	-	8,205,857	-	4,010,928	13,182,318
28	Quebec .....	-	4,869	-	-	2,137,739	-	-	2,142,608
29	New Brunswick .....	4,046	-	-	-	-	-	-	4,046
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,046	4,869	965,533	2,484,060	23,953,726	3,359,321	4,012,911	34,784,466
31	Exports .....	-	-	-	-	30,270,848	9,187,129	-	39,457,977
32	Other deliveries .....	-	-	-	-	23,246	-	-	23,246
33	Total net deliveries (30 + 31 + 32) .....	4,046	4,869	965,533	2,484,060	54,247,820	12,546,450	4,012,911	74,265,689
34	Delivered to storage .....	-	-	-	454,295	9,107,338	-	-	9,561,633
35	Line pack fluctuation .....	-	-	-	- 4,860	- 286,809	62,081	-	- 229,588
36	Gas used in system .....	-	-	38,032	63,124	3,551,181	285,040	-	3,937,377
37	Line losses and unaccounted for .....	2,393	-	- 18,455	- 587,963	958,173	280,202	- 10	634,340
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,439	4,869	985,110	2,408,656	67,577,703	13,173,773	4,012,901	88,169,451

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

July 1967

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
July 1967:			
Daily average .....	2,180,339	1,122,080	2,704,107
Maximum(1) .....	2,544,632	...	...
Minimum(1) .....	1,721,913	...	...
Exports maximum(1) .....	1,409,174	...	...
July 1966:			
Daily average .....	2,015,917	971,016	2,519,583
Maximum(1) .....	2,183,777	...	...
Minimum(1) .....	1,691,514	...	...
Year to date 1967			
Daily average .....	2,526,350	2,035,880	3,551,203
Maximum(1) .....	3,063,732	...	...
Minimum(1) .....	1,721,913	...	...
Commodity miles:			
Mcf. miles (thousands) .....	62,235,003	..	..
Ton-miles (millions) .....	1,430	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,619,022	..	..
End of month (Mcf.) .....	6,517,510	..	..
Operating revenues .....	..	\$19,537,202	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

July 1967

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	50,293	61,616
Deliveries to ultimate customers .....	56,389	56,951
Line pack fluctuations .....	-	-
Gas used in system .....	-	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 6,096	4,665
Total disposition .....	50,293	61,616
Daily average sendout .....	1,622	1,994
Revenues .....	\$42,438	\$101,962



TABLE 6. Sales of Natural Gas

No.		July 1967			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	1,927	2,868	10,386
2	Quebec .....	87,160	201,247	406,399	986,922
3	Ontario .....	509,987	654,004	1,787,738	2,619,711
4	Manitoba .....	94,669	97,301	287,985	363,606
5	Saskatchewan .....	106,114	110,496	487,124	572,092
6	Alberta .....	239,583	242,639	1,182,277	1,031,490
7	British Columbia .....	157,777	179,757	505,830	790,208
8	Canada .....	1,195,390	1,487,371	4,660,221	6,374,415
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,241	1,526,338	1,168,309
11	Ontario .....		7,172	10,122,694	5,359,662
12	Manitoba .....		288	955,686	299,367
13	Saskatchewan .....		575	2,660,741	664,165
14	Alberta .....		535	8,391,549	1,542,817
15	British Columbia .....		286	2,869,752	1,192,045
16	Canada .....		11,097	26,526,760	10,226,365
17	Firm .....		10,732	21,496,786	8,286,431
18	Interruptible .....		365	5,029,974	1,939,934
	Commercial:				
19	New Brunswick .....		60	1,178	2,862
20	Quebec .....		10,111	209,871	253,564
21	Ontario .....		56,366	1,271,886	1,321,878
22	Manitoba .....		8,706	201,112	159,422
23	Saskatchewan .....		14,752	256,472	182,712
24	Alberta .....		26,841	1,239,713	516,968
25	British Columbia .....		23,322	417,253	499,016
26	Canada .....		140,158	3,597,485	2,936,422
	Total sales:				
27	New Brunswick .....		1,987	4,046	13,248
28	Quebec .....		213,599	2,142,608	2,408,795
29	Ontario .....		717,542	13,182,318	9,301,251
30	Manitoba .....		106,295	1,444,783	822,395
31	Saskatchewan .....		125,823	3,404,337	1,418,969
32	Alberta .....		270,015	10,813,539	3,091,275
33	British Columbia .....		203,365	3,792,835	2,481,269
34	Canada .....		1,638,626	34,784,466	19,537,202

(1) Estimated.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		July 1967		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	13,667	33,800	64,072
2	Industrial .....	38	707	738
3	Commercial .....	2,622	22,444	37,152
4	Total .....	16,327	56,951	101,962

TABLE 6. Sales of Natural Gas

		July 1966					
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.	
		Space heating	Total				
Mcf.	\$	No.		Mcf.	\$		
1.49	3.62	100	2,044	3,135	11,152	1	
2.01	2.43	82,333	200,322	213,151	684,903	2	
2.73	1.47	490,510	634,929	1,681,312	2,477,196	3	
2.96	1.30	87,766	90,727	226,829	304,503	4	
4.41	1.17	99,667	103,785	474,148	548,183	5	
4.87	0.87	228,559	234,174	1,196,916	1,028,716	6	
2.81	1.56	148,353	169,336	555,857	878,254(1)	7	
3.13	1.37	1,137,288	1,435,317	4,351,348	5,932,907	8	
-	-	-	-	-	-	9	
681	0.77		2,383	1,794,667	782,180	10	
1,411	0.53		6,723	8,188,353	4,238,531	11	
3,318	0.31		280	686,762	216,605	12	
4,627	0.25		559	2,325,834	587,848	13	
15,685	0.18		680	6,944,986	1,289,062	14	
10,034	0.42		256	2,663,832	1,118,809(1)	15	
2,390	0.39		10,881	22,604,434	8,233,035	16	
			10,376	16,369,950	5,900,687	17	
			505	6,234,484	2,332,348	18	
19.6	2.43		52	1,106	2,546	19	
20.7	1.20		9,717	112,494	177,984	20	
22.5	1.04		53,325	1,108,161	1,160,445	21	
23.1	0.79		8,029	172,367	141,673	22	
17.4	0.71		13,704	149,828	132,851	23	
46.1	0.42		26,291	1,135,040	495,522	24	
17.9	1.20		22,041	466,710	574,053(1)	25	
25.7	0.82		133,159	3,145,706	2,685,074	26	
2.0	3.31		2,096	4,241	13,698	27	
10.0	1.12		212,422	2,120,312	1,645,067	28	
18.4	0.71		694,977	10,977,826	7,876,172	29	
13.6	0.57		99,036	1,085,958	662,781	30	
27.1	0.42		118,048	2,949,810	1,268,882	31	
40.0	0.29		261,145	9,276,942	2,813,300	32	
18.7	0.65		191,633	3,686,399	2,571,116	33	
21.2	0.56		1,579,357	30,101,488	16,851,016	34	

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

July 1967				No.
Manufactured gas				
Customers No.	Gas sold Mcf.	Revenue \$		
1,848	13,573	17,502	1	
28	31,261	11,414	2	
559	11,555	13,522	3	
2,435	56,389	42,438	4	

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	July 1967			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	3,460	-	1,420	4,880
Quebec .....	52,820	1,541,182	212,311	1,806,313
Ontario .....	1,810,997	10,263,458	1,286,720	13,361,175
Manitoba .....	287,985	955,686	201,112	1,444,783
Saskatchewan .....	489,769	2,675,187	257,864	3,422,820
Alberta .....	1,189,661	8,539,783	1,247,980	10,977,424
British Columbia .....	538,958	3,020,687	444,628	4,004,273
Canada .....	4,373,650	26,995,983	3,652,035	35,021,668

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	July 1967						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	32,180	213,674	5,691,960	2,284,481	32,772,868	40,995,163	303,777,518
Imports .....	-	4,029,604	-	1,065	-	4,030,669	32,608,160

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	July 1967	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	42,715	42,948

TABLE 11. Exports and Imports to and from the United States

July 1967

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	21,105	-
Ontario - Cornwall .....	213,674	-
Niagara Falls .....	-	1,812,978
Ojibway .....	-	2,197,950
Total Ontario .....	213,674	4,010,928
Manitoba - Emerson .....	5,580,353	-
Alberta - Aden .....	1,178,851	-
Carway .....	1,132,464	-
Coutts .....	84	-
Total Alberta .....	2,311,399	1,973
British Columbia - Kingsgate - U.S.A. District V South(1)	17,591,695	-
Other U.S.A. ....	3,109,542	-
Huntingdon .....	10,630,209	-
Total British Columbia .....	31,331,446	-
Canada - July 1967 .....	39,457,977	4,012,901
July 1966 .....	33,789,120	3,949,896
Year to date - July 1967 .....	292,740,451	32,549,888
July 1966 .....	247,571,763	24,861,493
Value - July 1967 .....	10,275,116	1,791,414
July 1966 .....	8,594,969	1,731,256

(1) California, Nevada, Arizona.





## CATALOGUE No.

CATALOGUE NO.

55-002

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 9, No. 8

Price: 20 cents, \$2.00 a year

Gas Utilities  
(Transport and Distribution Systems)

AUGUST 1967

During August field gathering systems and processing plants delivered to gas utilities 87,992,721 Mcf. of natural gas. The transport systems accounted for 71,916,407 Mcf. and the distribution systems 16,076,314 Mcf. Natural gas imported from the U.S.A. was 5,135,993 Mcf. and the volume recovered from storage was 98,159 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume	% of total supply	% increase over August 1966	Revenue	% of total revenue
	'000 Mcf.			\$'000	
Ultimate customers .....	37,718	40.4	15.8	20,765	66.2
Exports .....	40,045	43.0	20.3	10,594	33.8
Other uses and adjustments .....	15,467	16.6	...	...	...
Totals .....	93,230	100.0	11.2	31,359	100.0

... Figures not appropriate or not applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 64.5 billion commodity (Mcf.) miles (1,470 million ton miles) during August compared with 61.3 billion (Mcf.) miles (1,399 million ton miles) last year. The daily average deliveries of gas utilities amounted to 2.8 million Mcf.

Alberta natural gas utilities receipts totalled 69.3 billion cubic feet; of this 15.4 per cent was sold to ultimate customers in Alberta, 12.4 per cent in Ontario, 3.6 per cent in Quebec, 2.7 per cent in Saskatchewan, 1.2 per cent in British Columbia and 0.9 per cent in Manitoba. Exports accounted for 43.6 per cent and the remaining 20.2 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during August compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales	% of total sales	% increase over August 1966	Revenue	% of sales revenue	Number of customers
	'000 Mcf.			\$'000		'000
Residential .....	3,954	10.5	5.9	5,823	28.0	1,488
Industrial .....	30,016	79.6	16.9	11,620	56.0	11
Commercial .....	3,748	9.9	18.0	3,322	16.0	141
Totals .....	37,718	100.0	15.8	20,765	100.0	1,640

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

May 1968  
503-509  
Manufacturing and Primary Industries Division

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

August 1967

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	6,495	6,185	965,377
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	6,495	6,185	965,377
4	Imports .....	-	-	5,134,020
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	6,495	6,185	6,099,397
7	Received from storage .....	-	-	55,424
9	Total supply of gas utilities (6 + 7) .....	6,495	6,185	6,154,821
	Transfers from:			
11	Other provinces .....	-	2,528,774	21,897,182
12	Distribution to transport (primary) .....	-	2,214,010	-
13	Other gas utilities .....	-	-	26,711,531
19	Total gross receipts (9 + 11 + 12 + 13) ...	6,495	4,748,969	54,763,534
	<u>Disposition</u>			
	Sales:			
20	Residential .....	2,297	330,889	1,618,840
21	Industrial .....	-	1,932,360	11,173,155
22	Commercial .....	1,085	254,651	1,752,510
30	Total sales (20 + 21 + 22) .....	3,382	2,517,900	14,544,505
31	Exports .....	-	22,113	230,965
32	Other deliveries .....	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	3,382	2,540,013	14,775,470
34	Delivered to storage .....	-	-	8,003,442
35	Line pack fluctuation .....	-	-	3,891
36	Gas used in system .....	-	5,357	1,765,928
37	Line losses and unaccounted for .....	3,113	- 10,411	974,498
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,495	2,534,959	25,523,229
	Transfers to:			
40	Other provinces .....	-	-	2,528,774
41	Distribution by transport (primary) .....	-	2,214,010	20,615,596
42	Other gas utilities .....	-	-	6,095,935
49	Total disposition (39 + 40 + 41 + 42) .....	6,495	4,748,969	54,763,534

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

August 1967

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	1966	No.
					Canada	
Mcf.						
-	-	5,094,997	422,506	5,517,503	4,390,057	1a
-	-	51,454,865	14,944,039	66,398,904	57,565,422	1b
-	739,647	3,088,929	-	4,806,633	6,637,168	2a
-	1,621,666	9,604,511	43,504	11,269,681	9,974,028	2b
-	2,361,313	69,243,302	15,410,049	87,992,721	78,566,675	3
-	-	1,973	-	5,135,993	4,870,815	4
3,090	-	-	-	3,090	3,143	5
3,090	2,361,313	69,245,275	15,410,049	93,131,804	83,440,633	6
-	29,849	12,886	-	98,159	402,329	7
3,090	2,391,162	69,258,161	15,410,049	93,229,963	83,842,962	9
29,720,131	32,089,693	-	23,153,358	-	-	11
-	2,385,861	1,104,624	-	5,704,495	3,105,325	12
1,438,479	1,643,172	3,217,811	5,630,136	38,641,129	41,967,126	13
31,161,700	38,509,888	73,580,596	44,193,543	137,575,587	128,915,413	19
225,304	345,316	971,617	459,769	3,954,032	3,734,832	20
1,042,127	2,580,402	8,656,141	4,631,748	30,015,933	25,670,386	21
162,235	191,057	998,735	387,960	3,748,233	3,175,375	22
1,429,666	3,116,775	10,626,493	5,479,477	37,718,198	32,580,593	30
5,674,744	-	2,021,133	32,095,938	40,044,893	33,297,256	31
-	-	31,980	-	31,980	216,909	32
7,104,410	3,116,775	12,679,606	37,575,415	77,795,071	66,094,758	33
-	436,775	372,391	-	8,812,608	11,966,560	34
2,918	786	61,946	62,646	132,187	- 477,137	35
409,204	749,141	480,196	774,398	4,184,224	3,937,572	36
309,507	457,247	420,971	150,948	2,305,873	2,321,209	37
7,826,039	4,760,724	14,015,110	38,563,407	93,229,963	83,842,962	39
21,897,182	29,720,131	55,243,051	-	-	-	40
1,438,479	1,643,172	118,361	5,628,008	31,657,626	31,239,547	41
-	2,385,861	4,204,074	2,128	12,687,998	13,832,904	42
31,161,700	38,509,888	73,580,596	44,193,543	137,575,587	128,915,413	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,465,265	7,589,123	8,250,295	6,263,379	5,808,365
1b	Processing plants .....	78,771,451	70,197,341	78,413,384	73,511,097	71,211,152
2	By distribution systems:					
2a	Fields .....	15,707,256	13,120,081	13,960,144	10,504,251	8,419,238
2b	Processing plants .....	14,791,017	12,488,766	14,048,494	12,998,901	11,661,978
3	Total (1 + 2) .....	117,734,989	103,395,311	114,672,317	103,277,628	97,100,733
4	Imports .....	4,379,773	3,837,708	4,959,518	5,602,094	4,984,144
5	Other receipts(1) .....	23,683	13,514	903	917	2,191
6	Total net receipts (3 + 4 + 5) .....	122,138,445	107,246,533	119,632,738	108,880,639	102,087,068
7	Received from storage .....	8,346,900	12,781,478	7,013,740	1,890,668	1,257,866
9	Total supply of gas utilities (6 + 7) .....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	6,345,214	5,127,330	6,144,645	6,211,372	3,645,768
13	Other gas utilities .....	56,422,445	53,253,749	55,909,055	49,915,357	43,633,445
19	Total gross receipts (9 + 11 + 12 + 13) ...	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147
	<u>Disposition</u>					
	Sales:					
20	Residential .....	31,158,284	30,687,889	28,870,048	21,656,133	15,438,552
21	Industrial .....	29,418,788	27,288,180	31,285,178	31,040,115 <sup>H</sup>	30,586,654
22	Commercial .....	18,494,795	18,232,554	17,024,248	13,736,161 <sup>H</sup>	10,106,264
30	Total sales (20 + 21 + 22) .....	79,071,867	76,208,623	77,179,474	66,432,409	56,131,470
31	Exports .....	43,700,898	40,121,156	44,865,129	42,706,590	43,111,952
32	Other deliveries .....	241,834	94,608	92,079	64,200	44,130
33	Total net deliveries (30 + 31 + 32) .....	123,014,599	116,424,387	122,136,682	109,203,199	99,287,552
34	Delivered to storage .....	311,925	675,440	1,207,130	2,629,153	4,795,844
35	Line pack fluctuation .....	29,177	- 238,840	136,621	- 92,885	- 481,628
36	Gas used in system .....	5,101,044	4,307,636	5,183,681	4,586,542	4,312,395
37	Line losses and unaccounted for .....	2,028,600	- 1,140,612	- 2,017,636	- 5,554,702	- 4,569,229
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	42,803,077	38,618,252	38,291,533	35,610,617	32,266,247
42	Other gas utilities .....	19,964,582	19,762,827	23,762,167	20,516,112	15,012,966
49	Total disposition (39 + 40 + 41 + 42) .....	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

June	July	August	September	October	November	December	Year to date		No.
							1967	1966	
Mcf.									
4,491,556 62,624,492	4,867,212 63,267,903	5,517,503 66,398,904					51,252,698 564,395,724	56,711,520 503,550,730	1a 1b
5,878,123 10,663,858	4,250,524 11,708,116	4,806,633 11,269,681					76,646,250 99,630,811	72,433,528 83,818,670	2a 2b
83,658,029	84,093,755	87,992,721					791,925,483	716,514,448	3
4,773,750 3,501	4,012,901 2,016	5,135,993 3,090					37,685,881 49,815	29,732,308 9,967	4 5
88,435,280	88,108,672	93,131,804					829,661,179	746,256,723	6
563,188	60,779	98,159					32,012,778	21,038,545	7
88,998,468	88,169,451	93,229,963					861,673,957	767,295,268	9
...	...	...					...	...	11
3,058,762	3,615,058	5,704,495					39,852,644	11,961,608	12
38,086,256	37,636,300	38,641,129					373,497,736	370,020,371	13
130,143,486	129,420,809	137,575,587					1,275,024,337	1,149,277,247	19
7,909,671	4,660,221	3,954,032					144,334,830	136,217,428	20
28,574,750	26,526,760	30,015,933					234,424,850	207,268,635	21
5,313,841	3,597,485	3,748,233					90,565,089	77,125,348	22
41,798,262	34,784,466	37,718,198					469,324,769	420,611,411	30
38,776,749 29,954	39,457,977 23,246	40,044,893 31,980					332,785,344 622,031	280,869,019 1,766,786	31 32
80,604,965	74,265,689	77,795,071					802,732,144	703,247,216	33
8,736,904	9,561,633	8,812,608					36,730,637	45,272,919	34
37,915	- 229,588	132,187					- 707,041	- 570,957	35
3,661,155	3,937,377	4,184,224					35,274,054	33,285,072	36
- 4,042,471	634,340	2,305,873					- 12,355,837	- 13,938,982	37
88,998,468	88,169,451	93,229,963					861,673,957	767,295,268	39
...	...	...					...	...	40
27,123,568	28,132,540	31,657,626					274,503,460	278,090,547	41
14,021,450	13,118,818	12,687,998					138,846,920	103,891,432	42
130,143,486	129,420,809	137,575,587					1,275,024,337	1,149,277,247	49

... Figures not appropriate or applicable.



TABLE 3. Receipts and Disposition of Natural Gas by Source

August 1967

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	5,094,997	422,506	-	5,517,503
1b	Processing plants .....	-	-	-	-	51,454,865	14,944,039	-	66,398,904
2	By distribution systems:								
2a	Fields .....	6,495	6,185	965,377	739,647	3,088,929	-	-	4,806,633
2b	Processing plants .....	-	-	-	1,621,666	9,604,511	43,504	-	11,269,681
3	Total (1 + 2) .....	6,495	6,185	965,377	2,361,313	69,243,302	15,410,049	-	87,992,721
4	Imports .....	-	-	-	-	-	-	5,135,993	5,135,993
5	Other receipts(1) .....	-	-	-	-	3,090	-	-	3,090
6	Total net receipts (3 + 4 + 5) .....	6,495	6,185	965,377	2,361,313	69,246,392	15,410,049	5,135,993	93,131,804
7	Received from storage .....	-	-	85,424	29,849	12,886	-	-	98,159
9	Total supply of gas utilities (6 + 7) .....	6,495	6,185	1,020,801	2,391,162	69,259,278	15,410,049	5,135,993	93,229,963
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	816,353	4,663,124	-	5,479,477
24	Alberta .....	-	-	-	-	10,624,568	-	1,925	10,626,493
25	Saskatchewan .....	-	-	-	1,252,058	1,864,717	-	-	3,116,775
26	Manitoba .....	-	-	-	785,643	644,023	-	-	1,429,666
27	Ontario .....	-	-	842,306	-	8,568,179	-	5,134,020	14,544,505
28	Quebec .....	-	6,185	-	-	2,511,715	-	-	2,517,900
29	New Brunswick .....	3,382	-	-	-	-	-	-	3,382
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	3,382	6,185	842,306	2,037,701	25,029,555	4,663,124	5,135,945	37,718,198
31	Exports .....	-	-	-	-	30,192,417	9,852,476	-	40,044,893
32	Other deliveries .....	-	-	-	-	31,980	-	-	31,980
33	Total net deliveries (30 + 31 + 32) .....	3,382	6,185	842,306	2,037,701	55,253,952	14,515,600	5,135,945	77,795,071
34	Delivered to storage .....	-	-	-	436,775	8,375,833	-	-	8,812,608
35	Line pack fluctuation .....	-	-	-	- 11,860	98,270	45,777	-	132,187
36	Gas used in system .....	-	-	60,278	70,312	3,429,991	623,643	-	4,184,224
37	Line losses and unaccounted for .....	3,113	-	118,217	- 141,766	2,101,232	225,029	48	2,305,873
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,495	6,185	1,020,801	2,391,162	69,259,278	15,410,049	5,135,993	93,229,963

(1) Includes peak shaving and enrichment.



TABLE 4. Operating Statistics: Natural Gas Utilities

August 1967

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
August 1967:			
Daily average .....	2,312,984	1,216,901	2,793,796
Maximum(1) .....	2,575,287	...	...
Minimum(1) .....	1,964,153	...	...
Exports maximum(1) .....	1,309,456	...	...
August 1966:			
Daily average .....	2,081,832	1,050,987	2,518,107
Maximum(1) .....	2,296,605	...	...
Minimum(1) .....	1,754,490	...	...
Year to date 1967:			
Daily average .....	2,488,888	1,923,462	3,440,421
Maximum(1) .....	1,721,913	...	...
Minimum(1) .....	3,063,732	...	...
Commodity miles:			
Mcf. miles (thousands) .....	64,503,478	..	..
Ton-miles (millions) .....	1,470	..	..
Line pack:			
Beginning of month (Mcf.) .....	6,517,510	..	..
End of month (Mcf.) .....	7,587,835	..	..
Operating revenues .....	..	20,764,925	..

(1) Non-coincident.  
 .. Figures not available.  
 ... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

August 1967

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	49,621	82,322
Deliveries to ultimate customers .....	38,669	62,497
Line pack fluctuations .....	-	4,636
Gas used in system .....	-	1,190
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	10,952	13,999
Total disposition .....	49,621	82,322
Daily average sendout .....	1,601	2,652
Revenues .....	22,715	107,348

TABLE 6. Sales of Natural Gas

No.		August 1967			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	100	1,912	2,297	8,618
2	Quebec .....	87,398	201,802	330,889	964,007
3	Ontario .....	510,172	654,315	1,618,840	2,396,181
4	Manitoba .....	95,311	97,921	225,304	315,848
5	Saskatchewan .....	105,668	110,032	345,316	458,504
6	Alberta .....	232,221	242,312	971,617	945,996
7	British Columbia .....	160,657	179,329	459,769	733,956
8	Canada .....	1,191,527	1,487,623	3,954,032	5,823,110
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,238	1,932,360	1,242,241
11	Ontario .....		7,154	11,173,155	5,900,805
12	Manitoba .....		288	1,042,127	304,288
13	Saskatchewan .....		579	2,580,402	617,815
14	Alberta .....		721	8,656,141	1,628,831
15	British Columbia .....		288	4,631,748	1,926,264
16	Canada .....		11,268	30,015,933	11,620,244
17	Firm .....		10,889	24,817,893	9,017,273
18	Interruptible .....		379	5,198,040	2,602,971
	Commercial:				
19	New Brunswick .....		60	1,085	2,526
20	Quebec .....		11,693	254,651	299,257
21	Ontario .....		56,268	1,752,510	1,743,260
22	Manitoba .....		8,695	162,235	136,401
23	Saskatchewan .....		14,629	191,057	149,420
24	Alberta .....		26,879	998,735	524,943
25	British Columbia .....		23,236	387,960	465,764
26	Canada .....		141,460	3,748,233	3,321,571
	Total sales:				
27	New Brunswick .....		1,972	3,382	11,144
28	Quebec .....		215,733	2,517,900	2,505,505
29	Ontario .....		717,737	14,544,505	10,040,246
30	Manitoba .....		106,904	1,429,666	756,537
31	Saskatchewan .....		125,240	3,116,775	1,225,739
32	Alberta .....		269,912	10,626,493	3,099,770
33	British Columbia .....		202,853	5,479,477	3,125,984
34	Canada .....		1,640,351	37,718,198	20,764,925

... Figures not appropriate or not applicable.

(1) Estimated.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		August 1967		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	13,421	38,691	74,863
2	Industrial .....	28	773	810
3	Commercial .....	2,592	23,033	31,675
4	Total .....	16,041	62,497	107,348

TABLE 6. Sales of Natural Gas

		August 1966				
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.14	3.75	100	2,024	2,502	9,129	1
1.63	2.91	82,211	200,450	230,151	687,669	2
2.47	1.48	486,928	632,573	1,398,571	2,127,228	3
2.30	1.40	88,333	91,271	201,516	284,764	4
3.14	1.32	99,025	103,116	335,481	439,234	5
4.01	0.97	228,922	234,566	1,057,153	966,922	6
2.56	2.03	148,443	169,367	509,458	804,944	7
2.05	1.47	1,133,962	1,433,367	3,734,832	5,319,890	8
-	-	-	-	-	-	9
863	0.64	-	2,355	1,926,857	859,246	10
1,561	0.53	-	6,741	8,655,503	4,537,075	11
3,618	0.29	-	280	893,591	277,743	12
4,456	0.24	-	561	2,526,232	579,052	13
12,005	0.19	-	740	7,468,308	1,392,216	14
16,082	0.42	-	265	4,199,895	1,763,956 (1)	15
2,664	0.39	-	10,942	25,670,386	9,409,288	16
...	...	-	10,442	18,427,614	6,633,542	17
...	...	-	500	7,242,772	2,775,746	18
18.0	2.33	-	52	994	2,284	19
21.8	1.18	-	4,583	119,363	183,103	20
31.1	1.00	-	53,211	1,289,163	1,323,587	21
18.7	0.84	-	8,081	149,246	123,657	22
13.1	0.78	-	13,757	188,816	139,118	23
37.2	0.53	-	25,945	1,055,889	450,380	24
16.9	1.20	-	22,046	371,904	457,442 (1)	25
26.5	0.89	-	132,675	3,175,375	2,679,571	26
1.7	3.29	-	2,076	3,496	11,413	27
11.6	1.00	-	212,388	2,276,371	1,730,018	28
20.2	0.72	-	692,525	11,343,237	7,987,890	29
13.3	0.53	-	99,632	1,244,353	686,164	30
24.9	0.39	-	117,434	3,050,529	1,157,404	31
39.3	0.29	-	261,251	9,581,350	2,809,518	32
27.0	0.57	-	191,678	5,081,257	3,026,342	33
23.0	0.55	-	1,576,984	32,580,593	17,408,749	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

August 1967					No.
Manufactured gas					
Customers No.	Gas sold Mcf.	Revenue \$			
1,840	28,514	1,530		1	
28	1,962	10,045		2	
553	8,193	11,140		3	
2,421	38,669	22,715		4	

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	August 1967			
	Residential	Industrial	Commercial	Total
Sales:	Mcf.			
New Brunswick .....	2,756	-	1,302	4,058
Quebec .....	340,267	1,954,746	259,442	2,554,455
Ontario .....	1,634,424	11,304,898	1,769,472	14,708,794
Manitoba .....	227,213	1,039,220	163,512	1,429,945
Saskatchewan .....	347,191	2,594,140	192,366	3,133,697
Alberta .....	975,719	8,648,264	974,207	10,598,190
British Columbia .....	487,642	4,910,213	411,221	5,809,076
Canada .....	4,015,212	30,451,481	3,771,522	38,238,215

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	August 1967						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	22,312	232,813	5,725,817	2,006,896	33,236,828	41,224,666	345,002,184
Imports .....	-	5,198,284	-	1,981	-	5,200,265	37,808,425

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	August 1967	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	50,107	32,532

TABLE 11. Exports and Imports to and from the United States

August 1967

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	22,113	-
Ontario - Cornwall .....	230,965	-
Niagara Falls .....	-	3,186,635
Ojibway .....	-	1,947,385
Total Ontario .....	230,965	5,134,020
Manitoba - Emerson .....	5,674,744	-
Alberta - Aden .....	992,888	-
Carway .....	1,028,161	-
Coutts .....	84	-
Total Alberta .....	2,021,133	1,973
British Columbia - Kingsgate - U.S.A. District V South(1)	17,175,216	-
Other U.S.A. ....	3,568,231	-
Huntingdon .....	11,352,491	-
Total British Columbia .....	32,095,938	-
Canada - August 1967 .....	40,044,893	5,135,993
August 1966 .....	33,297,256	4,870,815
Year to date - 1967 .....	332,785,344	37,685,881
1966 .....	280,869,019	29,732,308
Value - August 1967 .....	10,594,071	3,501,654
August 1966 .....	8,385,721	2,188,169

(1) California, Nevada, Arizona.





CATALOGUE No.

55-002

MONTHLY

# DOMINION BUREAU OF STATISTICS

## OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Price: 20 cents

Vol. 9, No. 9

### GAS UTILITIES (Transport and Distribution Systems)

SEPTEMBER 1967

During September field gathering systems and processing plants delivered to gas utilities 87,086,288 Mcf. of natural gas. The transport systems accounted for 70,501,331 Mcf. and the distribution systems 16,584,957 Mcf. Natural gas imported from the U.S.A. was 6,326,815 Mcf. and the volume recovered from storage was 143,201 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume	% of total supply	% increase over September 1966	Revenue	% of total revenue
	'000 Mcf.			\$ '000	
Ultimate customers .....	37,306	39.9	0.7	20,931	67.5
Exports .....	38,777	41.4	24.1	10,082	32.5
Other uses and adjustments .....	17,476	18.7	...	...	...
Totals .....	93,559	100.0	13.5	31,013	100.0

... Figures not appropriate or not applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 65.7 billion commodity (Mcf.) miles (1,499 million ton miles) during September 1967 compared with 59.0 billion (Mcf.) miles (1,345 million ton miles) last year. The daily average deliveries of gas utilities amounted to 2.8 million Mcf.

Alberta natural gas utilities receipts totalled 68.4 billion cubic feet; of this 15.3 per cent was sold to ultimate customers in Alberta, 11.0 per cent in Ontario, 3.9 per cent in Quebec, 2.0 per cent in Saskatchewan, 1.0 per cent in British Columbia and 1.7 per cent in Manitoba. Exports accounted for 42.6 per cent and the remaining 22.5 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during September compared to the same month for the previous to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales	% of total sales	% increase over September 1966	Revenue	% of sales revenue	Number of customers
	'000 Mcf.			\$ '000		'000
Residential .....	4,764	12.8	- 8.5	6,422	30.7	1,492
Industrial .....	28,114	75.4	2.5	10,697	51.1	11
Commercial .....	4,428	11.8	-	3,812	18.2	140
Totals .....	37,306	100.0	0.7	20,931	100.0	1,643

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

June 1968  
5503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1967

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	6,674	7,383	1,066,035
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	6,674	7,383	1,066,035
4	Imports .....	-	-	6,323,992
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	6,674	7,383	7,390,027
7	Received from storage .....	-	-	129,250
9	Total supply of gas utilities (6 + 7) .....	6,674	7,383	7,519,277
	Transfers from:			
11	Other provinces .....	-	2,754,794	21,756,868
12	Distribution to transport (primary) .....	-	2,409,851	-
13	Other gas utilities .....	-	-	27,885,313
19	Total gross receipts (9 + 11 + 12 + 13) ...	6,674	5,172,028	57,161,458
	<u>Disposition</u>			
	Sales:			
20	Residential .....	2,491	302,603	2,052,018
21	Industrial .....	-	2,097,147	10,579,548
22	Commercial .....	1,264	249,359	2,228,792
30	Total sales (20 + 21 + 22) .....	3,755	2,649,109	14,860,358
31	Exports .....	-	29,546	259,004
32	Other deliveries .....	-	-	71
33	Total net deliveries (30 + 31 + 32) .....	3,755	2,678,655	15,119,433
34	Delivered to storage .....	-	-	7,776,645
35	Line pack fluctuation .....	-	477	37,008
36	Gas used in system .....	-	4,069	1,803,149
37	Line losses and unaccounted for .....	2,919	78,976	1,785,116
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,674	2,762,177	26,521,351
	Transfers to:			
40	Other provinces .....	-	-	2,754,794
41	Distribution by transport (primary) .....	-	2,409,851	21,764,342
42	Other gas utilities .....	-	-	6,120,971
49	Total disposition (39 + 40 + 41 + 42) .....	6,674	5,172,028	57,161,458

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1967

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	1966	No.
					Canada	
Mcf.						
-	-	4,629,364	486,289	5,115,653	5,040,561	1a
-	-	51,207,895	14,177,783	65,385,678	55,451,074	1b
-	1,148,025	3,420,661	-	5,648,778	7,557,907	2a
-	1,711,050	9,179,692	45,437	10,936,179	9,952,588	2b
-	2,859,075	68,437,612	14,709,509	87,086,288	78,002,130	3
-	-	2,823	-	6,326,815	4,371,061	4
2,666	-	-	-	2,666	1,616	5
2,666	2,859,075	68,440,435	14,709,509	93,415,769	82,374,807	6
-	-	13,951	-	143,201	73,157	7
2,666	2,859,075	68,454,386	14,709,509	93,558,970	82,447,964	9
30,070,620	32,623,313	-	21,721,163	...	...	11
-	2,373,862	1,027,548	-	5,811,261	3,592,333	12
1,493,794	2,223,199	2,676,197	5,025,395	39,303,898	41,181,554	13
31,567,080	40,079,449	72,158,131	41,456,067	138,674,129	127,221,851	19
318,848	357,138	1,114,276	616,136	4,763,510	5,205,451	20
818,484	2,591,173	8,233,478	3,794,412	28,114,242	27,416,514	21
200,321	182,849	1,130,510	435,072	4,428,167	4,429,745	22
1,337,653	3,131,160	10,478,264	4,845,620	37,305,919	37,051,710	30
6,120,092	-	1,842,478	30,525,541	38,776,661	31,229,018	31
-	-	28,080	-	28,151	189,788	32
7,457,745	3,131,160	12,348,822	35,371,161	76,110,731	68,470,516	33
-	644,378	353,257	-	8,774,280	7,165,317	34
27,756	130,967	- 30,193	- 57,884	108,131	325,149	35
427,720	803,503	477,394	716,684	4,232,519	3,701,220	36
403,197	701,760	960,612	400,711	4,333,309	2,785,762	37
8,316,418	5,411,768	14,109,910	36,430,672	93,558,970	82,447,964	39
21,756,868	30,070,620	54,344,476	-	...	...	40
1,493,794	2,223,199	184,854	5,020,597	33,096,637	31,353,132	41
-	2,373,862	3,518,891	4,798	12,018,522	13,420,755	42
31,567,080	40,079,449	72,158,131	41,456,067	138,674,129	127,221,851	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,465,265	7,589,123	8,250,295	6,263,379	5,808,365
1b	Processing plants .....	78,771,451	70,197,341	78,413,384	73,511,097	71,211,152
2	By distribution systems:					
2a	Fields .....	15,707,256	13,120,081	13,960,144	10,504,251	8,419,238
2b	Processing plants .....	14,791,017	12,488,766	14,048,494	12,998,901	11,661,978
3	Total (1 + 2) .....	117,734,989	103,395,311	114,672,317	103,277,628	97,100,733
4	Imports .....	4,379,773	3,837,708	4,959,518	5,602,094	4,984,144
5	Other receipts(1) .....	23,683	13,514	903	917	2,191
6	Total net receipts (3 + 4 + 5) .....	122,138,445	107,246,533	119,632,738	108,880,639	102,087,068
7	Received from storage .....	8,346,900	12,781,478	7,013,740	1,890,668	1,257,866
9	Total supply of gas utilities (6 + 7) .....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	6,345,214	5,127,330	6,144,645	6,211,372	3,645,768
13	Other gas utilities .....	56,422,445	53,253,749	55,909,055	49,915,357	43,633,445
19	Total gross receipts (9 + 11 + 12 + 13) ...	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147
	<u>Disposition</u>					
	Sales:					
20	Residential .....	31,158,284	30,687,889	28,870,048	21,656,133	15,438,552
21	Industrial .....	29,418,788	27,288,180	31,285,178	31,040,115	30,586,654
22	Commercial .....	18,494,795	18,232,554	17,024,248	13,736,161	10,106,264
30	Total sales (20 + 21 + 22) .....	79,071,867	76,208,623	77,179,474	66,432,409	56,131,470
31	Exports .....	43,700,898	40,121,156	44,865,129	42,706,590	43,111,952
32	Other deliveries .....	241,834	94,608	92,079	64,200	44,130
33	Total net deliveries (30 + 31 + 32) .....	123,014,599	116,424,387	122,136,682	109,203,199	99,287,552
34	Delivered to storage .....	311,925	675,440	1,207,130	2,629,153	4,795,844
35	Line pack fluctuation .....	29,177	- 238,840	136,621	- 92,885	- 481,628
36	Gas used in system .....	5,101,044	4,307,636	5,183,681	4,586,542	4,312,395
37	Line losses and unaccounted for .....	2,028,600	- 1,140,612	- 2,017,636	- 5,554,702	- 4,569,229
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	42,803,077	38,618,252	38,291,533	35,610,617	32,266,247
42	Other gas utilities .....	19,964,582	19,762,827	23,762,167	20,516,112	15,012,966
49	Total disposition (39 + 40 + 41 + 42) .....	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

June	July	August	September	October	November	December	Year to date		No.
							1967	1966	
Mcf.									
4,491,556 62,624,492	4,867,212 63,267,903	5,517,503 66,398,904	5,115,653 65,385,678				56,368,351 629,781,402	61,752,081 559,001,804	1a 1b
5,878,123 10,663,858	4,250,524 11,708,116	4,806,633 11,269,681	5,648,778 10,936,179				82,295,028 110,566,990	79,991,435 93,771,258	2a 2b
83,658,029	84,093,755	87,992,721	87,086,288				879,011,771	794,516,578	3
4,773,750 3,501	4,012,901 2,016	5,135,993 3,090	6,326,815 2,666				44,012,696 52,481	34,103,369 11,583	4 5
88,435,280	88,108,672	93,131,804	93,415,769				923,076,948	828,631,530	6
563,188	60,779	98,159	143,201				32,155,979	21,111,702	7
88,998,468	88,169,451	93,229,963	93,558,970				955,232,927	849,743,232	9
3,058,762 38,086,256	3,615,058 37,636,300	5,704,495 38,641,129	5,811,261 39,303,898				45,663,905 412,801,634	15,553,941 411,201,925	11 12 13
130,143,486	129,420,809	137,575,587	138,674,129				1,413,698,466	1,276,499,098	19
7,909,671 28,574,750 5,313,841	4,660,221 26,526,760 3,597,485	3,954,032 30,015,933 3,748,233	4,763,510 28,114,242 4,428,167				149,098,340 262,850,600 94,681,748	141,422,879 234,685,149 81,555,093	20 21 22
41,798,262	34,784,466	37,718,198	37,305,919				506,630,688	457,663,121	30
38,776,749 29,954	39,457,977 23,246	40,044,893 31,980	38,776,661 28,151				371,561,905 650,182	312,098,037 1,956,574	31 32
80,604,965	74,265,689	77,795,071	76,110,731				878,842,875	771,717,732	33
8,736,904 37,915	9,561,633 - 229,588	8,812,608 132,187	8,774,280 108,131				45,504,917 - 598,910	52,438,236 - 245,808	34 35
3,661,155 - 4,042,471	3,937,577 634,340	4,184,224 2,305,873	4,232,519 4,333,309				39,506,573 - 8,022,528	36,986,292 - 11,153,220	36 37
88,998,468	88,169,451	93,229,963	93,558,970				955,232,927	849,743,232	39
27,123,568 14,021,450	28,132,540 13,118,818	31,657,626 12,687,998	33,096,637 12,018,522				307,600,097 150,865,442	309,443,679 117,312,187	40 41 42
130,143,486	129,420,809	137,575,587	138,674,129				1,413,698,466	1,276,499,098	49

.. Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

September 1967

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	4,629,364	486,289	-	5,115,653
1b	Processing plants .....	-	-	-	-	51,207,895	14,177,783	-	65,385,678
2	By distribution systems:								
2a	Fields .....	6,674	7,383	1,066,035	1,148,025	3,420,661	-	-	5,648,778
2b	Processing plants .....	-	-	-	1,711,050	9,179,692	45,437	-	10,936,179
3	Total (1 + 2) .....	6,674	7,383	1,066,035	2,859,075	68,437,612	14,709,509	-	87,086,288
4	Imports .....	-	-	-	-	-	-	6,326,815	6,326,815
5	Other receipts(1) .....	-	-	-	-	2,666	-	-	2,666
6	Total net receipts (3 + 4 + 5) .....	6,674	7,383	1,066,035	2,859,075	68,440,278	14,709,509	6,326,815	93,415,769
7	Received from storage .....	-	-	129,250	-	13,951	-	-	143,201
9	Total supply of gas utilities (6 + 7) .....	6,674	7,383	1,195,285	2,859,075	68,454,229	14,709,509	6,326,815	93,558,970
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	706,514	4,139,106	-	4,845,620
24	Alberta .....	-	-	-	-	10,475,413	-	2,851	10,478,264
25	Saskatchewan .....	-	-	-	1,750,482	1,380,678	-	-	3,131,160
26	Manitoba .....	-	-	-	150,663	1,186,990	-	-	1,337,653
27	Ontario .....	-	-	1,026,846	-	7,509,520	-	6,323,992	14,860,358
28	Quebec .....	-	7,383	-	-	2,641,726	-	-	2,649,109
29	New Brunswick .....	3,755	-	-	-	-	-	-	3,755
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	3,755	7,383	1,026,846	1,901,145	23,900,841	4,139,106	6,326,843	37,305,919
31	Exports .....	-	-	-	-	29,189,893	9,586,768	-	38,776,661
32	Other deliveries .....	-	-	-	-	28,151	-	-	28,151
33	Total net deliveries (30 + 31 + 32) .....	3,755	7,383	1,026,846	1,901,145	53,118,885	13,725,874	6,326,843	76,110,731
34	Delivered to storage .....	-	-	-	644,378	8,129,902	-	-	8,774,280
35	Line pack fluctuation .....	-	-	-	10,692	132,575	- 35,136	-	108,131
36	Gas used in system .....	-	-	42,327	94,422	3,517,841	577,929	-	4,232,519
37	Line losses and unaccounted for .....	2,919	-	126,112	208,438	3,555,026	440,842	- 28	4,333,309
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,674	7,383	1,195,285	2,859,075	68,454,229	14,709,509	6,326,815	93,558,970

(1) Includes peak shaving and enrichment.



TABLE 4. Operating Statistics: Natural Gas Utilities

September 1967

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
September 1967			
Daily average .....	2,318,493	1,203,417	2,770,484
Maximum(1) .....	2,788,223	...	...
Minimum(1) .....	2,073,479	...	...
Exports maximum(1) .....	1,432,985	...	...
September 1966			
Daily average .....	2,086,072	1,235,057	2,521,194
Maximum(1) .....	2,351,530	...	...
Minimum(1) .....	1,257,664	...	...
Year to date 1967			
Daily average .....	2,478,694	1,849,017	3,373,532
Maximum(1) .....	3,063,732	...	...
Minimum(1) .....	1,721,913	...	...
Commodity miles:			
Mcf. miles (thousands) .....	65,749	..	..
Ton-miles (millions) .....	1,499	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,587,835	..	..
End of month (Mcf.) .....	6,884,683	..	..
Operating revenues ..... (\$)	..	20,931,185	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

September 1967

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	48,014	71,070
Deliveries to ultimate customers .....	43,751	61,210
Line pack fluctuations .....	-	2,318
Gas used in system .....	-	640
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	4,263	6,902
Total disposition .....	48,014	71,070
Daily average sendout .....	1,549	2,293
Revenues ..... (\$)	30,475	139,025

TABLE 6. Sales of Natural Gas

No.		September 1967			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	130	1,923	2,491	9,114
2	Quebec .....	87,772	201,859	302,603	847,851
3	Ontario .....	507,933	656,073	2,052,018	2,948,876
4	Manitoba .....	95,901	98,459	318,848	381,805
5	Saskatchewan .....	105,080	109,419	357,138	460,307
6	Alberta .....	241,134	243,770	1,114,276	1,004,842
7	British Columbia .....	160,751	180,800	616,136	769,655
8	Canada .....	1,198,701	1,492,303	4,763,510	6,422,450
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,237	2,097,147	1,007,247
11	Ontario .....		7,152	10,579,548	5,636,724
12	Manitoba .....		287	818,484	242,743
13	Saskatchewan .....		579	2,591,173	669,380
14	Alberta .....		726	8,233,478	1,551,500
15	British Columbia .....		295	3,794,412	1,589,134
16	Canada .....		11,276	28,114,242	10,696,728
17	Firm .....		10,894	23,517,964	8,938,939
18	Interruptible .....		382	4,596,278	1,757,789
	Commercial:				
19	New Brunswick .....		60	1,264	2,933
20	Quebec .....		10,086	249,359	292,019
21	Ontario .....		56,574	2,228,792	2,125,639
22	Manitoba .....		8,719	200,321	160,757
23	Saskatchewan .....		14,390	182,849	144,460
24	Alberta .....		26,989	1,130,510	575,758
25	British Columbia .....		23,388	435,072	510,441
26	Canada .....		140,206	4,428,167	3,812,007
	Total sales:				
27	New Brunswick .....		1,983	3,755	12,047
28	Quebec .....		214,182	2,649,109	2,147,117
29	Ontario .....		719,799	14,860,358	10,711,239
30	Manitoba .....		107,465	1,337,653	785,305
31	Saskatchewan .....		124,388	3,131,160	1,274,147
32	Alberta .....		271,485	10,478,264	3,132,100
33	British Columbia .....		204,483	4,845,620	2,869,230
34	Canada .....		1,643,785	37,305,919	20,931,185

(1) Estimated.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		September		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	13,376	34,455	92,082
2	Industrial .....	38	1,215	721
3	Commercial .....	2,615	25,540	46,222
4	Total .....	16,029	61,210	139,025

TABLE 6. Sales of Natural Gas

Sales per customer		September 1966					No.
		Customers		Gas sold	Revenue		
		Space heating	Total				
Mcf.	\$	No.		Mcf.	\$		
1.29	3.66	100	2,015	2,757	9,427	1	
1.50	2.80	82,462	200,715	389,664	887,281	2	
3.13	1.44	489,999	635,915	2,025,956	2,891,644	3	
3.24	1.20	88,866	91,766	281,290	361,724	4	
3.26	1.29	96,981	100,987	397,652	487,952	5	
4.57	0.90	229,916	235,575	1,438,483	1,122,371	6	
3.41	1.25	149,485	170,480	669,649	1,056,036 (1)	7	
3.19	1.35	1,137,809	1,437,453	5,205,451	6,816,435	8	
-	-	-	-	-	-	9	
937	0.48		2,345	2,068,310	922,969	10	
1,479	0.53		6,781	9,825,300	5,063,734	11	
2,852	0.30		280	759,115	235,510	12	
4,475	0.26		559	2,476,665	607,444	13	
11,340	0.19		747	7,437,357	1,367,832	14	
12,862	0.42		268	4,849,767	2,027,203 (1)	15	
2,493	0.38		10,980	27,416,514	10,224,692	16	
			10,467	21,264,607	7,812,523	17	
			513	6,151,907	2,412,169	18	
21.1	2.15		53	1,109	2,506	19	
24.7	1.17		9,567	136,958	205,020	20	
39.4	0.95		53,328	2,169,125	2,055,987	21	
23.0	0.80		8,089	202,714	162,690	22	
12.7	0.79		13,519	229,613	157,283	23	
41.9	0.51		26,021	1,256,658	540,014	24	
18.6	1.17		22,146	433,568	532,855	25	
31.6	0.86		132,723	4,429,745	3,656,355	26	
1.9	3.21		2,068	3,866	11,933	27	
12.4	0.81		212,627	2,594,932	2,015,270	28	
20.6	0.72		696,024	14,020,381	10,011,365	29	
12.4	0.59		100,135	1,243,119	759,924	30	
25.2	0.41		115,065	3,103,930	1,252,679	31	
38.6	0.30		262,243	10,132,498	3,030,217	32	
23.7	0.59		192,894	5,952,984	3,616,094	33	
22.7	0.56		1,581,156	37,051,710	20,697,482	34	

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

September 1967				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
1,806	3,565	6,155		1
28	28,473	11,022		2
550	11,713	13,298		3
2,384	43,751	30,475		4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	September 1967			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	2,899	-	1,517	4,416
Quebec .....	314,971	2,120,799	294,449	2,730,219
Ontario .....	2,091,534	10,783,805	2,272,569	15,147,908
Manitoba .....	324,826	832,421	204,421	1,361,668
Saskatchewan .....	359,077	2,605,241	183,842	3,148,160
Alberta .....	1,213,698	8,809,169	1,247,048	11,269,915
British Columbia .....	619,482	3,815,013	437,434	4,871,929
Canada .....	4,926,487	28,966,448	4,641,280	38,534,215

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	September 1967						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	29,546	259,004	6,120,092	1,842,478	32,070,105	40,321,225	385,323,409
Imports .....	-	6,404,728	-	2,833	-	6,407,561	44,215,986

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	September 1967	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	46,375	34,536

TABLE 11. Exports and Imports to and from the United States

September 1967

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	29,546	-
Ontario - Cornwall .....	259,004	-
Niagara Falls .....	-	1,644,997
Ojibway .....	-	4,678,995
Total Ontario .....	259,004	6,323,992
Manitoba - Emerson .....	6,120,092	-
Alberta - Aden .....	849,076	-
Carway .....	993,326	-
Coutts .....	76	2,823
Total Alberta .....	1,842,478	2,823
British Columbia - Kingsgate - U.S.A. District V South(1)	16,574,080	-
Other U.S.A. ....	3,096,402	-
Huntingdon .....	10,855,059	-
Total British Columbia .....	30,525,541	-
Canada - 1967 .....	38,776,661	6,326,815
1966 .....	31,229,018	4,371,061
Year to date - 1967 .....	371,562,005	44,012,696
1966 .....	312,098,037	34,103,369
Value - 1967 .....	10,082,827	2,232,523
1966 .....	8,097,889	1,949,418

(1) California, Nevada, Arizona.





## DOMINION BUREAU OF STATISTICS

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OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 10, No. 9

Price: 20 cents, \$2.00 a year

## GAS UTILITIES

(Transport and Distribution Systems)

OCTOBER 1967

During October field gathering systems and processing plants delivered to gas utilities 101,820,374 Mcf. of natural gas. The transport systems accounted for 80,443,835 Mcf. and the distribution systems 21,376,539 Mcf. Natural gas imported from the U.S.A. was 7,628,057 Mcf. and the volume recovered from storage was 2,818,525 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over October 1966	Revenue \$'000	% of total revenue
Ultimate customers .....	49,521	44.1	5.5	30,785	76.7
Exports .....	42,991	38.3	14.8	9,334	23.3
Other uses and adjustments .....	19,755	17.6	...	...	...
Total .....	112,267	100.0	12.0	40,119	100.0

... Figures not appropriate or not applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 71.1 billion commodity (Mcf.) miles (1,622 million ton miles) during October compared with 66.0 billion (Mcf.) miles (1,505 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.2 million Mcf.

Alberta natural gas utilities receipts totalled 80.4 billion cubic feet; of this 17.1 per cent was sold to ultimate customers in Alberta, 11.7 per cent in Ontario, 3.9 per cent in Quebec, 3.5 per cent in Saskatchewan, 1.2 per cent in British Columbia and 2.7 per cent in Manitoba. Exports accounted for 40.2 per cent and the remaining 19.7 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during October compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales '000 Mcf.	% of total sales	% increase over October 1966	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	10,363	20.9	-	12,588	40.9	1,507
Industrial .....	31,575	63.8	7.1	12,392	40.2	11
Commercial .....	7,583	15.3	8.1	5,805	18.9	143
Totals .....	49,521	100.0	5.5	30,785	100.0	1,661

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive view of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

June 1968  
503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1967

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	7,529	8,204	969,974
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	7,529	8,204	969,974
4	Imports .....	-	-	7,620,755
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	7,529	8,204	8,590,729
7	Received from storage .....	-	-	2,185,764
9	Total supply of gas utilities (6 + 7) .....	7,529	8,204	10,776,493
	Transfers from:			
11	Other provinces .....	-	3,242,601	23,296,749
12	Distribution to transport (primary) .....	-	2,742,459	-
13	Other gas utilities .....	-	-	32,430,223
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,529	5,993,264	66,503,465
	<u>Disposition</u>			
	Sales:			
20	Residential .....	2,376	464,160	4,402,703
21	Industrial .....	-	2,283,076	12,029,216
22	Commercial .....	1,293	373,164	3,212,929
30	Total sales (20 + 21 + 22) .....	3,669	3,120,400	19,644,848
31	Exports .....	-	46,550	339,783
32	Other deliveries .....	-	-	756
33	Total net deliveries (30 + 31 + 32) .....	3,669	3,166,950	19,985,387
34	Delivered to storage .....	-	-	5,521,979
35	Line pack fluctuation .....	-	-10,897	20,943
36	Gas used in system .....	63	6,767	2,291,854
37	Line losses and unaccounted for .....	3,797	87,985	3,010,478
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,529	3,250,805	30,830,641
	Transfers to:			
40	Other provinces .....	-	-	3,242,601
41	Distribution by transport (primary) .....	-	2,742,459	24,501,748
42	Other gas utilities .....	-	-	7,928,475
49	Total disposition (39 + 40 + 41 + 42) .....	7,529	5,993,264	66,503,465

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1967

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	1966	No.
					Canada	
Mcf.						
-	-	6,326,798	514,307	6,841,105	7,155,864	1a
-	-	56,900,965	16,701,765	73,602,730	66,672,993	1b
-	1,593,002	5,978,516	-	8,557,225	9,861,334	2a
-	1,838,169	10,915,101	66,044	12,819,314	11,789,836	2b
-	3,431,171	80,121,380	17,282,116	101,820,374	95,480,027	3
-	-	7,302	-	7,628,057	2,299,155	4
462	-	-	-	462	1,745	5
462	3,431,171	80,128,682	17,282,116	109,448,893	97,780,927	6
-	333,461	299,300	-	2,818,525	2,318,866	7
462	3,764,632	80,427,982	17,282,116	112,267,418	100,099,793	9
33,311,302	36,766,493	-	24,478,242	...	...	11
-	3,010,395	1,045,451	-	6,798,305	4,814,634	12
3,530,039	2,624,890	3,820,085	6,639,525	49,044,762	47,174,013	13
36,841,803	46,166,410	85,293,518	48,399,883	168,110,485	152,088,440	19
764,519	760,085	2,278,520	1,690,506	10,362,869	10,432,941	20
1,242,942	3,142,945	9,252,212	3,624,792	31,575,183	29,479,406	21
562,656	420,983	2,264,849	747,055	7,582,929	7,014,038	22
2,570,117	4,324,013	13,795,581	6,062,353	49,520,981	46,926,385	30
6,316,961	-	2,233,753	34,054,511	42,991,558	37,439,649	31
-	-	65,448	-	66,204	236,645	32
8,887,078	4,324,013	16,094,782	40,116,864	92,578,743	84,602,679	33
-	141,529	57,746	-	5,721,254	1,604,442	34
9,099	91,701	306,535	130,940	548,321	144,036	35
46,708	868,761	441,037	966,747	4,621,937	4,183,210	36
1,072,130	1,793,819	2,283,147	545,807	8,797,163	9,565,426	37
10,015,015	7,219,823	19,183,247	41,760,358	112,267,418	100,099,793	39
23,296,749	33,311,302	61,244,735	-	...	...	40
-	2,624,890	613,856	6,629,558	37,112,511	36,304,249	41
3,530,039	3,010,395	4,251,680	9,967	18,730,556	15,684,398	42
36,841,803	46,166,410	85,293,518	48,399,883	168,110,485	152,088,440	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,465,265	7,589,123	8,250,295	6,263,379	5,808,365
1b	Processing plants .....	78,771,451	70,197,341	78,413,384	73,511,097	71,211,152
2	By distribution systems:					
2a	Fields .....	15,707,256	13,120,081	13,960,144	10,504,251	8,419,238
2b	Processing plants .....	14,791,017	12,488,766	14,048,494	12,998,901	11,661,978
3	Total (1 + 2) .....	117,734,989	103,395,311	114,672,317	103,277,628	97,100,733
4	Imports .....	4,379,773	3,837,708	4,959,518	5,602,094	4,984,144
5	Other receipts(1) .....	23,683	13,514	903	917	2,191
6	Total net receipts (3 + 4 + 5) .....	122,138,445	107,246,533	119,632,738	108,880,639	102,087,068
7	Received from storage .....	8,346,900	12,781,478	7,013,740	1,890,668	1,257,866
9	Total supply of gas utilities (6 + 7) .....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	6,345,214	5,127,330	6,144,645	6,211,372	3,645,768
13	Other gas utilities .....	56,422,445	53,253,749	55,909,055	49,915,357	43,633,445
19	Total gross receipts (9 + 11 + 12 + 13) ...	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147
	<u>Disposition</u>					
	Sales:					
20	Residential .....	31,158,284	30,687,889	28,870,048	21,656,133	15,438,552
21	Industrial .....	29,418,788	27,288,180	31,285,178	31,040,115	30,586,654
22	Commercial .....	18,494,795	18,232,554	17,024,248	13,736,161	10,106,264
30	Total sales (20 + 21 + 22) .....	79,071,867	76,208,623	77,179,474	66,432,409	56,131,470
31	Exports .....	43,700,898	40,121,156	44,865,129	42,706,590	43,111,952
32	Other deliveries .....	241,834	94,608	92,079	64,200	44,130
33	Total net deliveries (30 + 31 + 32) .....	123,014,599	116,424,387	122,136,682	109,203,199	99,287,552
34	Delivered to storage .....	311,925	675,440	1,207,130	2,629,153	4,795,844
35	Line pack fluctuation .....	29,177	- 238,840	136,621	- 92,885	- 481,628
36	Gas used in system .....	5,101,044	4,307,636	5,183,681	4,586,542	4,312,395
37	Line losses and unaccounted for .....	2,028,600	- 1,140,612	- 2,017,636	- 5,554,702	- 4,569,229
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	42,803,077	38,618,252	38,291,533	35,610,617	32,266,247
42	Other gas utilities .....	19,964,582	19,762,827	23,762,167	20,516,112	15,012,966
49	Total disposition (39 + 40 + 41 + 42) .....	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147

(1) Includes peak shaving and enrichment.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

June	July	August	September	October	November	December	Year to date		No.
							1967	1966	
Mcf.									
4,491,556 62,624,492	4,867,212 63,267,903	5,517,503 66,398,904	5,115,653 65,385,678	6,841,105 73,602,730			63,209,456 703,384,132	68,907,945 625,674,797	1a 1b
5,878,123 10,663,858	4,250,524 11,708,116	4,806,633 11,269,681	5,648,778 10,936,179	8,557,225 12,819,314			90,852,253 123,386,304	89,852,769 105,561,094	2a 2b
83,658,029	84,093,755	87,992,721	87,086,288	101,820,374			980,832,145	889,996,605	3
4,773,750 3,501	4,012,901 2,016	5,135,993 3,090	6,326,815 2,666	7,628,057 462			51,640,753 52,943	36,402,524 13,328	4 5
88,435,280	88,108,672	93,131,804	93,415,769	109,448,893			1,032,525,841	926,412,457	6
563,188	60,779	98,159	143,201	2,818,525			34,974,504	23,430,568	7
88,998,468	88,169,451	93,229,963	93,558,970	112,267,418			1,067,500,345	949,843,025	9
3,058,762 38,086,256	3,615,058 37,636,300	5,704,495 38,641,129	5,811,261 39,303,898	6,798,305 49,044,762			52,462,210 461,846,396	20,368,575 458,375,938	11 12 13
130,143,486	129,420,809	137,575,587	138,674,129	168,110,485			1,581,808,951	1,428,587,538	19
7,909,671 28,574,750 5,313,841	4,660,221 26,526,760 3,597,485	3,954,032 30,015,933 3,748,233	4,763,510 28,114,242 4,428,167	10,362,869 31,575,183 7,582,929			159,461,209 294,114,275 102,576,185	151,855,820 264,164,555 88,569,131	20 21 22
41,798,262	34,784,466	37,718,198	37,305,919	49,520,981			556,151,669	504,589,506	30
38,776,749 29,954	39,457,977 23,246	40,044,893 31,980	38,776,661 28,151	42,991,558 66,204			414,553,563 716,386	349,537,686 2,193,219	31 32
80,604,965	74,265,689	77,795,071	76,110,731	92,578,743			971,421,618	856,320,411	33
8,736,904 37,915	9,561,633 - 229,588	8,812,608 132,187	8,774,280 108,131	5,721,254 548,321			51,226,171 - 50,589	54,042,678 - 101,772	34 35
3,661,155 - 4,042,471	3,937,377 634,340	4,184,224 2,305,873	4,232,519 4,333,309	4,621,937 8,797,163			44,128,510 774,635	41,169,502 - 1,587,794	36 37
88,998,468	88,169,451	93,229,963	93,558,970	112,267,418			1,067,500,345	949,843,025	39
27,123,568 14,021,450	28,132,540 13,118,818	31,657,626 12,687,998	33,096,637 12,018,522	37,112,511 18,730,556			344,712,608 169,595,998	345,747,928 132,996,585	40 41 42
130,143,486	129,420,809	137,575,587	138,674,129	168,110,485			1,581,808,951	1,428,587,538	49

... Figures not appropriate or not applicable.



TABLE 3. Receipts and Disposition of Natural Gas by Source

October 1967

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	6,326,798	514,307	-	6,841,105
1b	Processing plants .....	-	-	-	-	56,900,965	16,701,765	-	73,602,730
2	By distribution systems:								
2a	Fields .....	7,529	8,204	969,974	1,593,002	5,978,516	-	-	8,557,225
2b	Processing plants .....	-	-	-	1,838,169	10,915,101	66,044	-	12,819,314
3	Total (1 + 2) .....	7,529	8,204	969,974	3,431,171	80,121,380	17,282,116	-	101,820,274
4	Imports .....	-	-	-	-	-	-	7,628,057	7,628,057
5	Other receipts(1) .....	-	-	-	-	462	-	-	462
6	Total net receipts (3 + 4 + 5) .....	7,529	8,204	969,974	3,431,171	80,121,842	17,282,116	7,628,057	109,448,893
7	Received from storage .....	-	-	2,185,764	333,461	299,300	-	-	2,818,525
9	Total supply of gas utilities (6 + 7) .....	7,529	8,204	3,155,738	3,764,632	80,421,142	17,282,116	7,628,057	112,267,418
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	925,410	5,136,943	-	6,062,353
24	Alberta .....	-	-	-	-	13,788,279	-	7,302	13,795,581
25	Saskatchewan .....	-	-	-	1,498,903	2,825,110	-	-	4,324,013
26	Manitoba .....	-	-	-	385,505	2,184,612	-	-	2,570,117
27	Ontario .....	-	-	2,645,415	-	9,378,678	-	7,620,755	19,644,848
28	Quebec .....	-	8,204	-	-	3,112,196	-	-	3,120,400
29	New Brunswick .....	3,669	-	-	-	-	-	-	3,669
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	3,669	8,204	2,645,415	1,884,408	32,214,285	5,136,943	7,628,057	49,520,981
31	Exports .....	-	-	-	-	32,305,189	10,686,369	-	42,991,558
32	Other deliveries .....	-	-	-	-	66,204	-	-	66,204
33	Total net deliveries (30 + 31 + 32) .....	3,669	8,204	2,645,415	1,884,408	64,585,678	15,823,312	7,628,057	92,578,743
34	Delivered to storage .....	-	-	-	141,529	5,579,725	-	-	5,721,254
35	Line pack fluctuation .....	-	-	-	52,858	372,666	122,797	-	548,321
36	Gas used in system .....	63	-	31,449	118,951	3,689,736	781,738	-	4,621,937
37	Line losses and unaccounted for .....	3,797	-	478,874	1,566,886	6,193,337	554,269	-	8,797,163
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,529	8,204	3,155,738	3,764,632	80,421,142	17,282,116	7,628,057	112,267,418

(1) Includes peak shaving and enrichment.



TABLE 4. Operating Statistics: Natural Gas Utilities

October 1967

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
October 1967			
Daily average .....	2,584,003	1,597,451	3,170,967
Maximum(1) .....	3,006,532	...	...
Minimum(1) .....	2,465,777	...	...
Exports maximum(1) .....	1,505,538	...	...
October 1966			
Daily average .....	2,378,835	1,513,754	2,780,875
Maximum(1) .....	2,742,323	...	...
Minimum(1) .....	2,047,131	...	...
Year to date 1967			
Daily average .....	2,488,742	1,495,579	3,353,107
Maximum(1) .....	3,063,732	...	...
Minimum(1) .....	1,721,913	...	...
Commodity miles:			
Mcf. miles (thousands) .....	71,148	..	..
Ton-miles (millions) .....	1,622	..	..
Line pack:			
Beginning of month (Mcf.) .....	6,884,683	..	..
End of month (Mcf.) .....	8,153,445	..	..
Operating revenues ..... (\$)	-	30,785,337	-

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

October 1967

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	65,352	100,101
Deliveries to ultimate customers .....	63,418	86,795
Line pack fluctuations .....	-	707
Gas used in system .....	-	1,029
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	1,934	11,570
Total disposition .....	65,352	100,101
Daily average sendout .....	2,108	-
Revenues ..... (\$)	34,891	151,715

TABLE 6. Sales of Natural Gas

No.		October 1967			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	131	1,912	2,376	9,169
2	Quebec .....	88,642	202,214	464,160	1,063,629
3	Ontario .....	522,778	664,695	4,402,703	5,908,448
4	Manitoba .....	96,557	99,130	764,519	773,610
5	Saskatchewan .....	107,333	111,766	760,085	749,509
6	Alberta .....	243,370	245,732	2,278,520	1,480,351
7	British Columbia .....	162,164	182,033	1,690,506	2,603,197
8	Canada .....	1,220,975	1,507,482	10,362,869	12,587,913
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,224	2,283,076	1,436,744
11	Ontario .....		7,262	12,029,216	6,580,659
12	Manitoba .....		288	1,242,942	358,346
13	Saskatchewan .....		582	3,142,945	750,449
14	Alberta .....		718	9,252,212	1,732,097
15	British Columbia .....		288	3,624,792	1,533,719
16	Canada .....		11,362	31,575,183	12,392,024
17	Firm .....		10,827	25,322,658	9,897,986
18	Interruptible .....		535	6,252,525	2,494,038
	Commercial:				
19	New Brunswick .....		60	1,293	2,619
20	Quebec .....		10,098	373,164	395,328
21	Ontario .....		57,917	3,212,929	2,925,545
22	Manitoba .....		8,807	562,656	426,316
23	Saskatchewan .....		14,722	420,983	266,525
24	Alberta .....		27,587	2,264,849	982,058
25	British Columbia .....		23,440	747,055	807,009
26	Canada .....		142,631	7,582,929	5,805,400
	Total sales:				
27	New Brunswick .....		1,972	3,669	11,788
28	Quebec .....		214,536	3,120,400	2,895,701
29	Ontario .....		729,874	19,644,848	15,414,652
30	Manitoba .....		108,225	2,570,117	1,558,272
31	Saskatchewan .....		127,070	4,324,013	1,766,493
32	Alberta .....		274,037	13,795,581	4,194,506
33	British Columbia .....		205,761	6,062,353	4,943,925
34	Canada .....		1,661,475	49,520,981	30,785,337

... Figures not appropriate or not applicable.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		October 1967		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	13,572	53,382	107,907
2	Industrial .....	8	1,036	1,712
3	Commercial .....	2,512	32,377	42,096
4	Total .....	16,092	86,795	151,715

TABLE 6. Sales of Natural Gas

October 1967		October 1966				
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.24	3.85	100	2,060	3,049	10,619	1
2.30	2.29	83,681	201,674	701,875	1,326,146	2
6.62	1.34	495,907	642,005	4,269,008	5,718,626	3
7.71	1.01	89,794	92,643	737,837	948,858	4
6.80	0.99	103,571	107,851	783,678	747,066	5
9.25	0.65	231,307	237,313	2,401,875	1,517,732	6
9.28	1.54	151,073	171,914	1,535,619	2,421,671	7
6.87	1.21	1,155,433	1,455,460	10,432,941	12,690,718	8
-	-	-	-	-	-	9
1,026	0.63	-	2,365	1,681,483	928,637	10
1,656	0.55	-	6,872	10,392,399	5,672,939	11
4,316	0.29	-	281	890,673	276,109	12
5,400	0.24	-	561	2,405,521	555,865	13
12,886	0.19	-	755	8,982,738	1,651,125	14
12,586	0.42	-	252	5,126,592	2,142,915	15
2,779	0.39	-	11,086	29,479,406	11,227,590	16
...	...	-	10,564	23,069,738	8,707,398	17
...	...	-	522	6,409,668	2,520,192	18
21.5	2.03	-	55	1,163	2,581	19
37.0	1.06	-	9,621	213,208	302,643	20
55.4	0.91	-	54,347	3,039,939	2,826,364	21
63.8	0.76	-	8,217	533,496	428,399	22
28.6	0.63	-	13,912	373,880	228,236	23
82.1	0.43	-	26,229	2,226,218	880,466	24
31.8	1.08	-	22,463	626,134	769,519	25
53.1	0.77	-	134,844	7,014,038	5,438,208	26
1.8	3.21	-	2,115	4,212	13,200	27
14.5	0.93	-	213,660	2,596,566	2,557,426	28
26.9	0.78	-	703,224	17,701,346	14,217,929	29
23.7	0.61	-	101,141	2,162,006	1,653,366	30
34.0	0.41	-	122,324	3,563,079	1,531,167	31
50.3	0.30	-	264,297	13,610,831	4,049,323	32
29.5	0.81	-	194,629	7,288,345	5,334,105	33
29.8	0.62	-	1,601,390	46,926,385	29,356,516	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

October 1967			
Manufactured gas			
Customers	Gas sold	Revenue	No.
No.	Mcf.	\$	
1,791	2,528	3,492	1
27	49,647	18,100	2
538	11,243	13,299	3
2,356	63,418	34,891	4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	October 1967			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	2,867	-	1,560	4,427
Quebec .....	469,910	2,308,021	377,827	3,155,758
Ontario .....	4,443,631	12,146,879	3,242,358	19,832,868
Manitoba .....	771,055	1,251,026	569,089	2,591,170
Saskatchewan .....	764,212	3,160,009	423,268	4,347,489
Alberta .....	2,463,653	9,876,701	2,474,342	14,814,696
British Columbia .....	1,795,521	3,892,933	733,605	6,422,059
Canada .....	10,710,849	32,635,569	7,822,049	51,168,467

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	October 1967						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	47,016	342,841	6,380,131	2,215,757	35,217,521	44,203,266	429,526,675
Imports .....	-	7,827,044	-	7,306	-	7,834,350	52,050,336

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	October 1967	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	62,320	32,706

TABLE 11. Exports and Imports to and from the United States

October 1967

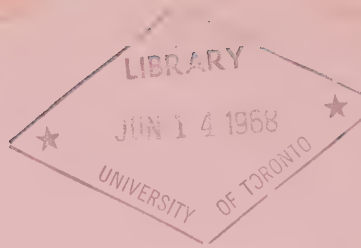
Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	46,550	-
Ontario - Cornwall .....	339,783	-
Niagara Falls .....	-	6,437,367
Ojibway .....	-	1,183,388
Total Ontario .....	339,783	7,620,755
Manitoba - Emerson .....	6,316,961	-
Alberta - Aden .....	1,188,175	-
Carway .....	1,045,451	-
Coutts .....	127	-
Total Alberta .....	2,233,753	7,302
British Columbia - Kingsgate - U.S.A. District V South(1)	17,814,572	-
Other U.S.A. ....	4,129,028	-
Huntingdon .....	12,110,911	-
Total British Columbia .....	34,054,511	-
Canada - 1967 .....	42,991,558	7,628,057
1966 .....	37,439,649	2,299,155
Year to date - 1967 .....	414,553,563	51,640,753
1966 .....	349,537,686	36,402,523
Value - 1967 .....	11,192,423	4,153,775
1966 .....	9,334,040	965,710

(1) California, Nevada, Arizona.









CATALOGUE No.  
55-002  
MONTHLY

Gas Utilities

November 1967

ERRATA

It should be noted that figures for tables 1, 2, 3, 5 and 11 were incorrect in the original release of the November 1967 Gas Utilities monthly publication. Corrected amounts are as follows:

<u>Page</u>	<u>Table</u>	<u>Line</u>		<u>Reads</u>	<u>Should read</u>
3	1	✓31	British Columbia .....	35,032,187	35,010,228
		✓31	Canada .....	47,578,368	47,556,409
		✓33	British Columbia .....	41,926,218	41,904,259
		✓33	Canada .....	110,850,070	110,828,111
		✓37	British Columbia .....	544,296	566,255
		✓37	Canada .....	9,518,672	9,540,631
6	3	✓31	British Columbia .....	10,756,394	10,734,435
		✓31	Canada .....	47,578,368	47,556,409
		✓33	British Columbia .....	16,600,808	16,578,849
		✓33	Canada .....	110,850,070	110,828,111
		✓37	British Columbia .....	466,669	488,628
		✓37	Canada .....	9,518,672	9,540,631
7	5 (Revenues)		L.P.G.'s .....	194,970	182,114
11	11	✓8	(Exports) Carway .....	11,226,654	1,226,654
		✓13	(Huntingdon) .....	12,195,446	12,173,487
		✓14	(Total B.C.) .....	35,032,187	35,010,228
		✓15	Canada .....	47,578,368	47,556,409

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 9, No. 11

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

NOVEMBER 1967

During November field gathering systems and processing plants delivered to gas utilities 110,239,951 Mcf. of natural gas. The transport systems accounted for 86,869,088 Mcf. and the distribution systems 23,370,863 Mcf. Natural gas imported from the U.S.A. was 9,428,005 Mcf. and the volume recovered from storage was 6,488,147 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over November 1967	Revenue \$'000	% of total revenue
Ultimate customers .....	63,096	50.0	4.1	42,323	77.7
Exports .....	47,578	37.7	21.4	12,127	22.3
Other uses and adjustments .....	15,483	12.3	14.6	...	...
Totals .....	126,157	100.0	11.4	54,450	100.0

... Figures not appropriate or applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 74.4 billion commodity (Mcf.) miles (1,697 million ton miles) during November compared with 69.9 billion (Mcf.) miles (1,595 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.7 million Mcf.

Alberta natural gas utilities receipts totalled 88.5 billion cubic feet; of this 19.0 per cent was sold to ultimate customers in Alberta, 12.7 per cent in Ontario, 3.9 per cent in Quebec, 3.8 per cent in Saskatchewan, 1.2 per cent in British Columbia and 4.4 per cent in Manitoba. Exports accounted for 41.6 per cent and the remaining 13.4 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during November compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales '000 Mcf.	% of total sales	% increase over November 1967	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	18,219	28.9	-	19,435	45.9	1,524
Industrial .....	32,438	51.4	6.1	13,703	32.4	11
Commercial .....	12,439	19.7	5.5	9,185	21.7	144
Totals .....	63,096	100.0	4.1	42,323	100.0	1,679

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Table 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Because of Technical problems July to October data are not available. The November information is being released in order to supply current gas Statistics.

March 1968  
503-509

Manufacturing and Primary Industries Division

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1967

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	8,291	8,686	830,847
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	8,291	8,686	830,847
4	Imports .....	-	-	9,416,298
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	8,291	8,686	10,247,145
7	Received from storage .....	-	-	5,443,535
9	Total supply of gas utilities (6 + 7) .....	8,291	8,686	15,690,680
	Transfers from:			
11	Other provinces .....	-	3,680,125	21,579,538
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	3,300,555	30,682,796
19	Total gross receipts (9 + 11 + 12 + 13) ...	8,291	6,989,366	67,953,014
	<u>Disposition</u>			
	Sales:			
20	Residential .....	3,062	714,837	7,781,723
21	Industrial .....	-	2,299,080	13,192,570
22	Commercial .....	1,392	500,112	5,035,536
30	Total sales (20 + 21 + 22) .....	4,454	3,514,029	26,009,829
31	Exports .....	-	70,558	440,501
32	Other deliveries .....	-	-	23,021
33	Total net deliveries (30 + 31 + 32) .....	4,454	3,584,587	26,473,351
34	Delivered to storage .....	-	-	645,678
35	Line pack fluctuation .....	-	11,709	- 69,810
36	Gas used in system .....	-	506	2,054,661
37	Line losses and unaccounted for .....	3,837	92,009	4,486,213
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,291	3,688,811	33,590,093
	Transfers to:			
40	Other provinces .....	-	-	3,680,125
41	Distribution by transport (primary) .....	-	3,300,555	22,351,860
42	Other gas utilities .....	-	-	8,330,936
49	Total disposition (39 + 40 + 41 + 42) .....	8,291	6,989,366	67,953,014

... Figures not appropriate or applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1967

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	1966	No.
Mcf.					Canada	
-	-	6,789,143	497,041	7,286,184	8,224,340	1a
-	-	62,256,753	17,326,151	79,582,904	71,643,330	1b
-	2,019,217	7,585,635	-	10,452,676	12,176,097	2a
-	1,413,661	11,413,640	90,886	12,918,187	14,034,314	2b
-	3,432,878	88,045,171	17,914,078	110,239,951	106,078,081	3
-	-	11,707	-	9,428,005	3,467,087	4
1,319	-	-	-	1,319	- 261	5
1,319	3,432,878	88,056,878	17,914,078	119,669,275	109,544,907	6
-	579,580	465,032	-	6,488,147	3,731,015	7
1,319	4,012,458	88,521,910	17,914,078	126,157,422	113,275,922	9
36,242,401	40,302,357	-	25,627,966	-	-	11
-	3,170,409	995,618	-	4,166,027	5,529,118	12
4,596,574	3,280,391	5,030,617	7,484,743	54,375,676	51,535,722	13
40,840,294	50,765,615	94,548,145	51,026,787	184,699,125	170,340,762	19
1,573,161	1,669,382	4,161,648	2,314,706	18,218,519	18,228,184	20
1,167,144	3,320,658	9,017,128	3,441,262	32,437,842	30,574,637	21
1,163,485	932,463	3,668,397	1,138,063	12,439,448	11,794,039	22
3,903,790	5,922,503	16,847,173	6,894,031	63,095,809	60,596,860	30
9,584,222	-	2,450,900	35,032,157	47,578,308	39,171,720	31
-	-	152,872	-	175,893	278,498	32
13,488,012	5,922,503	19,450,945	41,926,218	110,850,690	100,047,078	33
-	285,929	-	-	931,607	239,146	34
- 51,760	- 224,967	9,303	- 4,269	- 329,794	453,151	35
491,611	968,464	595,826	1,075,799	5,186,867	4,590,611	36
736,319	1,120,485	2,535,513	544,296	9,518,672	7,945,936	37
14,664,182	8,072,414	22,591,587	43,542,044	126,157,422	113,275,922	39
21,579,538	36,242,401	65,930,323	-	-	-	40
4,596,574	3,280,391	61,713	7,303,469	40,894,562	38,853,740	41
-	3,170,409	5,964,522	181,274	17,647,141	18,211,100	42
40,840,294	50,765,615	94,548,145	51,026,787	184,699,125	170,340,762	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,465,265	7,589,123	8,250,295	6,263,379	5,808,365
1b	Processing plants .....	78,771,451	70,197,341	78,413,384	73,511,097	71,211,152
2	By distribution systems:					
2a	Fields .....	15,707,256	13,120,081	13,960,144	10,504,251	8,419,238
2b	Processing plants .....	14,791,017	12,488,766	14,048,494	12,998,901	11,661,978
3	Total (1 + 2) .....	117,734,989	103,395,311	114,672,317	103,277,628	97,100,733
4	Imports .....	4,379,773	3,837,708	4,959,518	5,602,094	4,984,144
5	Other receipts(1) .....	23,683	13,514	903	917	2,191
6	Total net receipts (3 + 4 + 5) .....	122,138,445	107,246,533	119,632,738	108,880,639	102,087,068
7	Received from storage .....	8,346,900	12,781,478	7,013,740	1,890,668	1,257,866
9	Total supply of gas utilities (6 + 7) .....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	6,345,214	5,127,330	6,144,645	6,211,372	3,645,768
13	Other gas utilities .....	56,422,445	53,253,749	55,909,055	49,915,357	43,633,445
19	Total gross receipts (9 + 11 + 12 + 13) ...	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147
	<u>Disposition</u>					
	Sales:					
20	Residential .....	31,158,284	30,687,889	28,870,048	21,656,133	15,438,552
21	Industrial .....	29,418,788	27,288,180	31,285,178	30,728,607	30,586,654 <sup>r</sup>
22	Commercial .....	18,494,795	18,232,554	17,024,248	14,047,669	10,106,264 <sup>r</sup>
30	Total sales (20 + 21 + 22) .....	79,071,867	76,208,623	77,179,474	66,432,409	56,131,470
31	Exports .....	43,700,898	40,121,156	44,865,129	42,706,590	43,111,952
32	Other deliveries .....	241,834	94,608	92,079	64,200	44,130
33	Total net deliveries (30 + 31 + 32) .....	123,014,599	116,424,387	122,136,682	109,203,199	99,287,552
34	Delivered to storage .....	311,925	675,440	1,207,130	2,629,153	4,795,844
35	Line pack fluctuation .....	29,177	- 238,840	136,621	- 92,885	- 481,628
36	Gas used in system .....	5,101,044	4,307,636	5,183,681	4,586,542	4,312,395
37	Line losses and unaccounted for .....	2,028,600	- 1,140,612	- 2,017,636	- 5,554,702	- 4,569,229
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	42,803,077	38,618,252	38,291,533	35,610,617	32,266,247
42	Other gas utilities .....	19,964,582	19,762,827	23,762,167	20,516,112	15,012,966
49	Total disposition (39 + 40 + 41 + 42) .....	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147

(1) Includes peak shaving and enrichment.

<sup>r</sup> Revised figures.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

June	July	August	September	October	November	December	Year to date January to June inclusive		No.
							1967	1966	
				Mcf.					
4,491,556					7,286,184		40,867,983	48,077,587	1a
62,624,492					79,582,904		434,728,917	388,495,054	1b
5,878,123					10,452,676		67,589,093	59,775,225	2a
10,663,858					12,918,187		76,653,014	64,554,798	2b
83,658,029					110,239,951		619,839,007	560,902,664	3
4,773,750					9,428,005		28,536,987	20,911,597	4
3,501					1,319		44,709	6,185	5
88,435,280					119,669,275		648,420,703	581,820,446	6
563,188					6,488,147		31,853,840	20,592,381	7
88,998,468					126,157,422		680,274,543	602,412,827	9
...					...		...	...	11
3,058,762					4,166,027		30,533,091	6,071,513	12
38,086,256					54,375,676		297,220,307	288,697,854	13
130,143,486					184,699,125		1,008,027,941	897,182,194	19
7,909,671					18,218,519		135,720,577	128,129,840	20
28,574,750					32,437,842		177,882,157	158,993,815	21
5,313,841					12,439,448		83,219,371	70,804,267	22
41,798,262					63,095,809		396,822,105	357,927,922	30
38,776,749					47,578,368		253,282,474	213,782,643	31
29,954					175,893		566,805	1,379,458	32
80,604,965					110,850,070		650,671,384	573,090,023	33
8,736,904					931,607		18,356,396	20,260,303	34
37,915					- 329,794		- 609,640	- 32,017	35
3,661,155					5,186,867		27,152,453	25,628,297	36
- 4,042,471					9,518,672		- 15,296,050	- 16,244,779	37
88,998,468					126,157,422		680,274,543	602,412,827	39
...					...		...	...	40
27,123,568					40,894,562		214,713,294	218,157,911	41
14,021,450					17,647,141		113,040,104	76,611,456	42
130,143,486					184,699,125		1,008,027,941	897,182,194	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

November 1967

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	6,789,143	497,041	-	7,286,184
1b	Processing plants .....	-	-	-	-	62,256,753	17,326,151	-	79,582,904
2	By distribution systems:								
2a	Fields .....	8,291	8,686	830,847	2,019,217	7,585,635	-	-	10,452,676
2b	Processing plants .....	-	-	-	1,413,661	11,413,640	90,886	-	12,918,187
3	Total (1 + 2) .....	8,291	8,686	830,847	3,432,878	88,045,171	17,914,078	-	110,239,951
4	Imports .....	-	-	-	-	-	-	9,428,005	9,428,005
5	Other receipts(1) .....	-	-	-	-	1,319	-	-	1,319
6	Total net receipts (3 + 4 + 5) .....	8,291	8,686	830,847	3,432,878	88,046,490	17,914,078	9,428,005	119,669,275
7	Received from storage .....	-	-	5,443,535	579,580	465,032	-	-	6,488,147
9	Total supply of gas utilities (6 + 7) .....	8,291	8,686	6,274,382	4,012,458	88,511,522	17,914,078	9,428,005	126,157,422
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	1,049,617	5,844,414	-	6,894,031
24	Alberta .....	-	-	-	-	16,835,373	-	11,800	16,847,173
25	Saskatchewan .....	-	-	-	2,543,765	3,378,738	-	-	5,922,503
26	Manitoba .....	-	-	-	-	3,903,790	-	-	3,903,790
27	Ontario .....	-	-	5,340,605	-	11,252,926	-	9,416,298	26,009,829
28	Quebec .....	-	8,686	-	-	3,505,343	-	-	3,514,029
29	New Brunswick .....	4,454	-	-	-	-	-	-	4,454
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,454	8,686	5,340,605	2,543,765	39,925,787	5,844,414	9,428,098	63,095,809
31	Exports .....	-	-	-	-	36,821,974	10,435,435	-	47,257,409
32	Other deliveries .....	-	-	-	-	175,893	-	-	175,893
33	Total net deliveries (30 + 31 + 32) .....	4,454	8,686	5,340,605	2,543,765	76,923,654	16,270,849	9,428,098	110,239,951
34	Delivered to storage .....	-	-	-	285,929	645,678	-	-	931,607
35	Line pack fluctuation .....	-	-	-	- 672	- 328,000	- 1,122	-	- 329,794
36	Gas used in system .....	-	-	30,370	152,767	4,156,007	847,723	-	5,186,867
37	Line losses and unaccounted for .....	3,837	-	903,407	1,030,669	7,114,183	465,032	- 93	9,540,509
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,291	8,686	6,274,382	4,012,458	88,511,522	17,914,078	9,428,005	126,157,422

TABLE 4. Operating Statistics: Natural Gas Utilities

November 1967

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
November 1967			
Daily average .....	2,949,098	2,103,194	3,726,056
Maximum(1) .....	3,354,590	...	...
Minimum(1) .....	2,630,675	...	...
Exports maximum(1) .....	1,692,489	...	...
November 1966			
Daily average .....	2,600,849	2,019,895	3,342,874
Maximum(1) .....	2,933,438	...	...
Minimum(1) .....	2,512,695	...	...
Year to date			
Daily average .....	..	..	..
Maximum(1) .....	..	..	..
Minimum(1) .....	..	..	..
Commodity miles:			
Mcf. miles (thousands) .....	74,375,750	..	..
Ton-miles (millions) .....	1,697	..	..
Line pack:			
Beginning of month (Mcf.) .....	8,153,445	..	..
End of month (Mcf.) .....	7,807,781	..	..
Operating revenues .....	..	42,322,892	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

November 1967

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	64,696	122,497
Deliveries to ultimate customers .....	60,551	106,573
Line pack fluctuations .....	-	- 955
Gas used in system .....	-	1,440
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	4,145	15,439
Total disposition .....	64,696	122,497
Daily average sendout .....	2,157	4,083
Revenues .....	37,521	134,114 <del>106,570</del>

TABLE 6. Sales of Natural Gas

No.		November 1967			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	131	1,912	3,062	10,346
2	Quebec .....	90,697	203,269	714,837	1,394,077
3	Ontario .....	529,231	671,383	7,781,723	9,618,505
4	Manitoba .....	97,930	100,501	1,573,161	1,400,324
5	Saskatchewan .....	108,718	113,204	1,669,382	1,287,058
6	Alberta .....	242,586	248,031	4,161,648	2,262,640
7	British Columbia .....	164,677	185,545	2,314,706	3,461,970
8	Canada .....	1,233,970	1,523,845	18,218,519	19,434,920
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,236	2,299,080	1,757,412
11	Ontario .....		7,336	13,192,570	7,613,574
12	Manitoba .....		291	1,167,144	354,665
13	Saskatchewan .....		579	3,320,658	847,351
14	Alberta .....		676	9,017,128	1,708,664
15	British Columbia .....		278	3,441,262	1,421,621
16	Canada .....		11,396	32,437,842	13,703,287
17	Firm .....		11,048	26,862,325	11,502,942
18	Interruptible .....		348	5,575,517	2,200,345
	Commercial:				
19	New Brunswick .....		60	1,392	3,345
20	Quebec .....		10,074	500,112	542,306
21	Ontario .....		58,433	5,035,536	4,552,094
22	Manitoba .....		8,972	1,163,485	822,346
23	Saskatchewan .....		15,083	932,463	520,059
24	Alberta .....		27,418	3,668,397	1,419,223
25	British Columbia .....		23,896	1,138,063	1,325,312
26	Canada .....		143,936	12,439,448	9,184,685
	Total sales:				
27	New Brunswick .....		1,972	4,454	13,691
28	Quebec .....		215,579	3,514,029	3,693,795
29	Ontario .....		737,152	26,009,829	21,784,173
30	Manitoba .....		109,764	3,903,790	2,577,335
31	Saskatchewan .....		128,866	5,922,503	2,654,468
32	Alberta .....		276,125	16,847,173	5,390,527
33	British Columbia .....		209,719	6,894,031	6,208,903
34	Canada .....		1,679,277	63,095,809	42,322,892

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		November 1967		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	13,583	64,702	125,723
2	Industrial .....	8	950	1,695
3	Commercial .....	2,563	40,921	54,696
4	Total .....	16,154	106,573	182,114

TABLE 6. Sales of Natural Gas

		November 1966					
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.	
		Space heating	Total				
Mcf.	\$	No.		Mcf.	\$		
1.6	3.38	100	2,001	3,151	10,895	1	
3.5	1.95	85,367	202,835	953,313	1,576,230	2	
11.5	1.24	499,410	647,166	6,940,621	9,018,307	3	
15.7	0.89	90,793	93,614	1,624,591	1,494,624	4	
14.7	0.77	102,623	106,863	1,682,066	1,268,467	5	
16.8	0.54	232,979	239,025	4,841,963	2,529,397	6	
12.5	1.50	152,986	173,736	2,182,479	3,460,455	7	
11.9	1.07	1,164,258	1,465,240	18,228,184	19,358,375	8	
-	-	-	-	-	-	9	
1,028	0.76		2,365	1,457,268	913,662	10	
1,798	0.55		6,913	10,462,793	6,159,622	11	
4,010	0.30		281	1,085,598	336,535	12	
5,735	0.26		564	3,877,819	827,959	13	
13,339	0.19		678	9,531,533	1,724,424	14	
12,378	0.41		259	4,159,626	1,748,164	15	
2,846	0.42		11,060	30,574,637	11,710,366	16	
			10,551	25,065,051	9,512,591	17	
			509	5,509,586	2,197,775	18	
23.2	2.40		56	1,276	2,772	19	
49.6	1.08		9,710	304,920	400,302	20	
86.1	0.90		55,287	4,126,471	3,827,738	21	
123.3	0.71		8,325	1,133,048	827,125	22	
61.8	0.56		14,075	1,072,269	540,380	23	
133.8	0.39		26,757	4,083,944	1,567,019	24	
47.6	1.16		22,871	1,072,111	1,324,778	25	
86.4	0.74		137,081	11,794,039	8,490,114	26	
2.3	3.07		2,057	4,427	13,667	27	
16.3	1.05		214,910	2,715,501	2,890,194	28	
35.8	0.84		709,366	21,529,885	19,005,667	29	
35.6	0.66		102,220	3,843,237	2,658,284	30	
46.0	0.45		121,502	6,632,154	2,636,806	31	
61.0	0.32		266,460	18,457,440	5,820,840	32	
28.7	0.90		196,866	7,414,216	6,533,397	33	
37.6	0.67		1,163,381	60,596,860	39,558,855	34	

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

November 1967				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
1,785	8,905	12,078		1
22	43,243	15,812		2
512	8,403	9,631		3
2,319	60,551	37,521		4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	November 1967			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	3,693	-	1,680	5,373
Quebec .....	724,236	2,328,891	506,736	3,559,863
Ontario .....	7,841,699	13,302,308	5,081,051	26,225,058
Manitoba .....	1,589,094	1,175,959	1,177,563	3,942,616
Saskatchewan .....	1,678,445	3,338,687	937,526	5,954,658
Alberta .....	4,467,655	11,942,782	3,967,390	20,377,827
British Columbia .....	2,450,770	3,632,260	1,201,370	7,284,400
Canada .....	18,755,592	35,720,887	12,873,316	67,349,795

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	November 1967						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	71,122	445,787	9,660,896	2,453,021	36,742,547	49,373,373	..
Imports .....	-	9,707,720	-	11,844	-	9,179,564	..

.. Figures not available.

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	November 1967	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	84,373	50,336



TABLE 11. Exports and Imports to and from the United States

November 1967

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	70,558	-
Ontario - Cornwall .....	440,501	-
Niagara Falls .....	-	6,120,912
Ojibway .....	-	3,295,386
Total Ontario .....	440,501	9,416,298
Manitoba - Emerson .....	9,584,222	-
Alberta - Aden .....	1,223,916	-
Carway .....	1,226,654	-
Coutts .....	330	11,707
Total Alberta .....	2,450,900	11,707
British Columbia - Kingsgate - U.S.A. District V South(1)	18,519,307	-
Other U.S.A. ....	4,317,434	-
Huntingdon .....	12,172,487	-
Total British Columbia .....	35,149,228	-
Canada - 1967 .....	47,578,350	9,428,005
1966 .....	39,171,720	3,467,087
Year to date - 1967 .....	..	..
1966 .....	388,709,406	39,869,611
Value - 1967 .....	12,127,378	4,006,292
1966 .....	10,087,026	1,564,690

(1) California, Nevada, Arizona.

.. Figures not available.



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 9, No. 12

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

DECEMBER 1967

During December field gathering systems and processing plants delivered to gas utilities 126,597,652 Mcf. of natural gas. The transport systems accounted for 97,803,515 Mcf. and the distribution systems 28,794,137 Mcf. Natural gas imported from the U.S.A. was 9,394,094 Mcf. and the volume recovered from storage was 6,305,105 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over December 1966	Revenue \$'000	% of total revenue
Ultimate customers .....	75,775	53.3	7.7	52,325	80.0
Exports .....	51,121	35.9	18.6	13,069	20.0
Other uses and adjustments .....	15,415	10.8	...	...	...
Totals .....	142,311	100.0	12.9	65,394	100.0

... Figures not appropriate or applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 81.8 billion commodity (Mcf.) miles (1,864 million ton miles) during December compared with 73.9 billion (Mcf.) miles (1,685 million ton miles) last year. The daily average deliveries of gas utilities amounted to 4.1 million Mcf.

Alberta natural gas utilities receipts totalled 103.1 billion cubic feet; of this 20.6 per cent was sold to ultimate customers in Alberta, 15.2 per cent in Ontario, 3.5 per cent in Quebec, 4.0 per cent in Saskatchewan, 1.3 per cent in British Columbia and 4.7 per cent in Manitoba. Exports accounted for 39.4 per cent and the remaining 11.3 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during December compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales '000 Mcf.	% of total sales	% increase over December 1966	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	26,325	34.7	4.6	26,417	50.5	1,533
Industrial .....	32,467	42.9	9.0	13,578	25.9	10
Commercial .....	16,983	22.4	10.6	12,330	23.6	146
Totals .....	75,775	100.0	7.7	52,325	100.0	1,689

All gas volumes in Tables 1-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive view of the Supply and Disposition of Natural Gas.

Because of technical problems, August to October data are not available at present. The December information is being released in order to supply current gas utilities statistics.

Manufacturing and Primary Industries Division

May 1968  
503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1967

No.		New Brunswick	Mcf.	
			Quebec	Ontario
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	9,708	8,294	835,574
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	9,708	8,294	835,574
4	Imports .....	-	-	9,377,565
5	Other receipts (1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	9,708	8,294	10,213,139
7	Received from storage .....	-	-	5,248,527
9	Total supply of gas utilities (6 + 7) .....	9,708	8,294	15,461,666
	Transfers from:			
11	Other provinces .....	-	3,892,983	24,394,076
12	Distribution to transport (primary) .....	-	3,544,821	-
13	Other gas utilities .....	-	-	33,675,522
19	Total gross receipts (9 + 11 + 12 + 13) ...	9,708	7,446,098	73,531,264
	<u>Disposition</u>			
	Sales:			
20	Residential .....	3,611	1,113,342	11,485,592
21	Industrial .....	-	1,962,944	12,349,580
22	Commercial .....	2,218	561,888	6,730,898
30	Total sales (20 + 21 + 22) .....	5,829	3,638,174	30,566,070
31	Exports .....	-	118,216	476,034
32	Other deliveries .....	-	-	3,423
33	Total net deliveries (30 + 31 + 32) .....	5,829	3,756,390	31,045,527
34	Delivered to storage .....	-	-	231,610
35	Line pack fluctuation .....	-	15,416	35,637
36	Gas used in system .....	-	22,704	2,400,052
37	Line losses and unaccounted for .....	3,879	106,767	2,249,933
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,708	3,901,277	35,962,759
	Transfers to:			
40	Other provinces .....	-	-	3,892,983
41	Distribution by transport (primary) .....	-	3,544,821	24,365,472
42	Other gas utilities .....	-	-	9,310,050
49	Total disposition (39 + 40 + 41 + 42) .....	9,708	7,446,098	73,531,264

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1967

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	December 1966	No.
					Canada	
Mcf.						
-	-	7,752,903	497,427	8,250,330	7,715,505	1a
-	-	71,618,219	17,934,966	89,553,185	76,459,703	1b
-	2,623,578	10,785,145	-	14,262,299	14,766,524	2a
-	2,074,952	12,366,381	90,505	14,531,838	14,323,487	2b
-	4,698,530	102,522,648	18,522,898	126,597,652	113,265,219	3
-	-	16,529	-	9,394,094	4,737,294	4
4,766	-	-	9,854	14,620	9,330	5
4,766	4,698,530	102,539,177	18,532,752	136,006,366	118,011,843	6
-	520,808	535,770	-	6,305,105	8,020,767	7
4,766	5,219,338	103,074,947	18,532,752	142,311,471	126,032,610	9
41,650,961	46,879,724	-	27,877,824	...	...	11
-	3,695,974	1,107,731	-	8,348,526	6,127,666	12
5,721,658	4,122,242	6,187,780	8,681,935	58,389,137	57,622,010	13
47,377,385	59,917,278	110,370,458	55,092,511	209,049,134	189,782,286	19
2,152,542	2,382,238	6,022,371	3,165,112	26,324,808	25,176,852	20
1,179,096	3,727,011	9,978,755	3,270,221	32,467,607	29,792,498	21
1,544,298	1,335,504	5,236,202	1,571,773	16,982,781	15,358,906	22
4,875,936	7,444,753	21,237,328	8,007,106	75,775,196	70,328,256	30
10,917,554	-	2,903,821	36,705,786	51,121,411	43,108,785	31
-	-	105,849	-	109,272	309,621	32
15,793,490	7,444,753	24,246,998	44,712,892	127,005,879	113,746,662	33
-	249,326	-	-	480,936	511,694	34
26,728	95,020	24,980	- 179,755	18,026	14,850	35
592,237	1,168,653	743,665	1,177,279	6,104,590	4,593,559	36
849,196	1,490,349	3,301,756	700,160	8,702,040	7,165,845	37
17,261,651	10,448,101	28,317,399	46,410,576	142,311,471	126,032,610	39
24,394,076	41,650,961	74,757,548	-	...	...	40
5,721,658	4,122,242	72,821	8,438,120	46,265,134	41,232,252	41
-	3,695,974	7,222,690	243,815	20,472,529	22,517,424	42
47,377,385	59,917,278	110,370,458	55,092,511	209,049,134	189,782,286	49

... Figures not appropriate or applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,465,265	7,589,123	8,250,295	6,263,379	5,808,365
1b	Processing plants .....	78,771,451	70,197,341	78,413,384	73,511,097	71,211,152
2	By distribution systems:					
2a	Fields .....	15,707,256	13,120,081	13,960,144	10,504,251	8,419,238
2b	Processing plants .....	14,791,017	12,488,766	14,048,494	12,998,901	11,661,978
3	Total (1 + 2) .....	117,734,989	103,395,311	114,672,317	103,277,628	97,100,733
4	Imports .....	4,379,773	3,837,708	4,959,518	5,602,094	4,984,144
5	Other receipts(1) .....	23,683	13,514	903	917	2,191
6	Total net receipts (3 + 4 + 5) .....	122,138,445	107,246,533	119,632,738	108,880,639	102,087,068
7	Received from storage .....	8,346,900	12,781,478	7,013,740	1,890,668	1,257,866
9	Total supply of gas utilities (6 + 7) .....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	6,345,214	5,127,330	6,144,645	6,211,372	3,645,768
13	Other gas utilities .....	56,422,445	53,253,749	55,909,055	49,915,357	43,633,445
19	Total gross receipts (9 + 11 + 12 + 13) ...	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147
	<u>Disposition</u>					
	Sales:					
20	Residential .....	31,158,284	30,687,889	28,870,048	21,656,133	15,438,552
21	Industrial .....	29,418,788	27,288,180	31,285,178	31,040,115 <sup>r</sup>	30,586,654
22	Commercial .....	18,494,795	18,232,554	17,024,248	13,736,161 <sup>r</sup>	10,106,264
30	Total sales (20 + 21 + 22) .....	79,071,867	76,208,623	77,179,474	66,432,409	56,131,470
31	Exports .....	43,700,898	40,121,156	44,865,129	42,706,590	43,111,952
32	Other deliveries .....	241,834	94,608	92,079	64,200	44,130
33	Total net deliveries (30 + 31 + 32) .....	123,014,599	116,424,387	122,136,682	109,203,199	99,287,552
34	Delivered to storage .....	311,925	675,440	1,207,130	2,629,153	4,795,844
35	Line pack fluctuation .....	29,177	- 238,840	136,621	- 92,885	- 481,628
36	Gas used in system .....	5,101,044	4,307,636	5,183,681	4,586,542	4,312,395
37	Line losses and unaccounted for .....	2,028,600	- 1,140,612	- 2,017,636	- 5,554,702	- 4,569,229
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	130,485,345	120,028,011	126,646,478	110,771,307	103,344,934
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	42,803,077	38,618,252	38,291,533	35,610,617	32,266,247
42	Other gas utilities .....	19,964,582	19,762,827	23,762,167	20,516,112	15,012,966
49	Total disposition (39 + 40 + 41 + 42) .....	193,253,004	178,409,090	188,700,178	166,898,036	150,624,147

(1) Includes peak shaving and enrichment.  
... Figures not appropriate or applicable.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1967

June	July	August	September	October	November	December	Year to date January to July inclusive		No.
							1967	1966	
Mcf.									
4,491,556 62,624,492	4,867,212 63,267,903				7,286,184 79,582,904	8,250,330 89,553,185	45,735,195 497,996,820	52,321,463 445,985,308	1a 1b
5,878,123 10,663,858	4,250,524 11,708,116				10,452,676 12,918,187	14,262,299 14,531,838	71,839,617 88,361,130	65,796,360 73,844,642	2a 2b
83,658,029	84,093,755				110,239,951	126,597,652	703,932,762	637,947,773	3
4,773,750 3,501	4,012,901 2,016				9,428,005 1,319	9,394,094 14,620	32,549,888 46,725	24,861,493 6,824	4 5
88,435,280	88,108,672				119,669,275	136,006,366	736,529,375	662,816,090	6
563,188	60,779				6,488,147	6,305,105	31,914,619	20,636,216	7
88,998,468	88,169,451				126,157,422	142,311,471	768,443,994	683,452,306	9
...	...				...	...	...	...	11
3,058,762 38,086,256	3,615,058 37,636,300				4,166,027 54,375,676	8,348,526 58,389,137	34,148,149 334,856,607	8,856,283 328,053,245	12 13
130,143,486	129,420,809				184,699,125	209,049,134	1,137,448,750	1,020,361,834	19
7,909,671 28,574,750 5,313,841	4,660,221 26,526,760 3,597,485				18,218,519 32,437,842 12,439,448	26,324,808 32,467,607 16,982,781	140,380,798 204,408,917 86,816,856	132,482,596 181,598,249 73,949,973	20 21 22
41,798,262	34,784,466				63,095,809	75,775,196	431,606,571	388,030,818	30
38,776,749 29,954	39,457,977 23,246				47,556,409 175,893	51,121,411 109,272	292,740,451 590,051	247,571,763 1,549,877	31 32
80,604,965	74,265,689				110,828,111	127,005,879	724,937,073	637,152,458	33
8,736,904 37,915 3,661,155 - 4,042,471	9,561,633 - 229,588 3,937,377 634,340				931,607 - 329,794 5,186,867 9,540,631	480,936 18,026 6,104,590 8,702,040	27,918,029 - 839,228 31,089,830 - 14,661,710	33,306,359 93,820 29,347,500 - 16,260,191	34 35 36 37
88,998,468	88,169,451				126,157,422	142,311,471	768,443,994	683,452,306	39
...	...				...	...	...	...	40
27,123,568 14,021,450	28,132,540 13,118,818				40,894,362 17,647,141	46,265,134 20,472,529	242,845,834 126,158,922	246,851,000 90,058,528	41 42
130,143,486	129,420,809				184,699,125	209,049,134	1,137,448,750	1,020,361,834	49

F Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

December 1967

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
						Mcf.			
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	7,752,903	497,427	-	8,250,330
1b	Processing plants .....	-	-	-	-	71,618,219	17,934,966	-	89,553,185
2	By distribution systems:								
2a	Fields .....	9,708	-	835,574	2,623,578	10,785,145	-	-	14,254,005
2b	Processing plants .....	-	8,294	-	2,074,952	12,366,381	90,505	-	14,540,132
3	Total (1 + 2) .....	9,708	8,294	835,574	4,698,530	102,522,648	18,522,898	-	126,597,652
4	Imports .....	-	-	-	-	-	-	9,394,094	9,394,094
5	Other receipts (1) .....	-	-	-	-	4,766	9,854	-	14,620
6	Total net receipts (3 + 4 + 5) .....	9,708	8,294	835,574	4,698,530	102,527,414	18,532,752	9,394,094	136,006,366
7	Received from storage .....	-	-	5,248,527	520,808	535,770	-	-	6,305,105
9	Total supply of gas utilities (6 + 7) .....	9,708	8,294	6,084,101	5,219,338	103,063,184	18,532,752	9,394,094	142,311,471
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	1,338,285	6,668,821	-	8,007,106
24	Alberta .....	-	-	-	-	21,221,045	-	16,283	21,237,328
25	Saskatchewan .....	-	-	-	3,302,238	4,142,515	-	-	7,444,753
26	Manitoba .....	-	-	-	-	4,875,936	-	-	4,875,936
27	Ontario .....	-	-	5,498,123	-	15,690,382	-	9,377,565	30,566,070
28	Quebec .....	-	8,294	-	-	3,629,880	-	-	3,638,174
29	New Brunswick .....	5,829	-	-	-	-	-	-	5,829
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	5,829	8,294	5,498,123	3,302,238	50,898,043	6,668,821	9,393,848	75,775,196
31	Exports .....	-	-	-	-	40,655,243	10,466,168	-	51,121,411
32	Other deliveries .....	-	-	-	-	109,272	-	-	109,272
33	Total net deliveries (30 + 31 + 32) .....	5,829	8,294	5,498,123	3,302,238	91,662,558	17,134,989	9,393,848	127,005,879
34	Delivered to storage .....	-	-	-	249,326	231,610	-	-	480,936
35	Line pack fluctuation .....	-	-	-	- 20,804	221,543	- 182,713	-	18,026
36	Gas used in system .....	-	-	23,786	201,319	4,938,177	941,308	-	6,104,590
37	Line losses and unaccounted for .....	3,879	-	562,192	1,487,259	6,009,296	639,168	246	8,702,040
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,708	8,294	6,084,101	5,219,338	103,063,184	18,532,752	9,394,094	142,311,471

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

December 1967

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
December 1967			
Daily average .....	3,141,501	2,444,530	4,112,478
Maximum(1) .....	3,514,922	...	...
Minimum(1) .....	2,899,351	...	...
Exports maximum(1) .....	1,750,095	...	...
December 1966			
Daily average .....	2,720,678	2,268,653	3,685,753
Maximum(1) .....	2,941,258	...	...
Minimum(1) .....	2,583,679	...	...
Year to date			
Daily average .....	..	..	..
Maximum(1) .....	..	..	..
Minimum(1) .....	..	..	..
Commodity miles:			
Mcf. miles (thousands) .....	81,757,617	..	..
Ton-miles (millions) .....	1,864	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,807,781	..	..
End of month (Mcf.) .....	7,815,734	..	..
Operating revenues .....	..	52,324,931	..

(1) Non-coincident.

.. Figures not available.

.. Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

December 1967

	Manufactured	Liquefied petroleum gases
	Mcf.	
as receipts .....	49,640	152,650
deliveries to ultimate customers .....	51,819	126,067
line pack fluctuations .....	-	693
as used in system .....	-	1,673
entering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 2,179	24,217
Total disposition .....	49,640	152,650
Daily average sendout .....	1,655	5,088
Revenues .....	36,570	217,823

TABLE 6. Sales of Natural Gas

No.		December 1967			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
<b>Residential:</b>					
1	New Brunswick .....	131	1,915	3,611	12,026
2	Quebec .....	91,736	203,597	1,113,342	1,763,011
3	Ontario .....	533,675	674,725	11,485,592	13,784,405
4	Manitoba .....	99,121	100,692	2,152,542	1,531,426
5	Saskatchewan .....	109,986	114,530	2,382,238	1,686,714
6	Alberta .....	243,919	249,629	6,022,371	3,016,024
7	British Columbia .....	167,630	187,497	3,165,112	4,623,015
8	Canada .....	1,246,198	1,532,585	26,324,808	26,416,621
<b>Industrial:</b>					
9	New Brunswick .....	-	-	-	-
10	Quebec .....		1,472	1,962,944	1,572,293
11	Ontario .....		7,404	12,349,580	7,470,112
12	Manitoba .....		288	1,179,096	341,891
13	Saskatchewan .....		583	3,727,011	939,675
14	Alberta .....		523	9,978,755	1,851,177
15	British Columbia .....		261	3,270,221	1,402,579
16	Canada .....		10,531	32,467,607	13,577,727
17	Firm .....		9,983	27,762,808	11,631,793
18	Interruptible .....		548	4,704,799	1,945,934
<b>Commercial:</b>					
19	New Brunswick .....		60	2,218	4,580
20	Quebec .....		10,133	561,888	605,284
21	Ontario .....		59,037	6,730,898	6,035,615
22	Manitoba .....		9,151	1,544,298	1,093,031
23	Saskatchewan .....		15,401	1,335,504	719,844
24	Alberta .....		28,002	5,236,202	2,071,063
25	British Columbia .....		24,257	1,571,773	1,801,166
26	Canada .....		146,041	16,982,781	12,330,583
<b>Total sales:</b>					
27	New Brunswick .....		1,975	5,829	16,606
28	Quebec .....		215,202	3,638,174	3,940,588
29	Ontario .....		741,166	30,566,070	27,290,132
30	Manitoba .....		110,131	4,875,936	2,966,348
31	Saskatchewan .....		130,514	7,444,753	3,346,233
32	Alberta .....		278,154	21,237,328	6,938,264
33	British Columbia .....		212,015	8,007,106	7,826,760
34	Canada .....		1,689,157	75,775,196	52,324,931

(1) Estimated figures.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		December 1967		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	14,639	75,047	147,849
2	Industrial .....	8	394	1,066
3	Commercial .....	2,596	50,626	68,908
4	Total .....	17,243	126,067	217,823

TABLE 6. Sales of Natural Gas

Sales per customer		December 1966				
		Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.89	3.33	100	2,004	3,633	12,123	1
5.47	1.58	86,736	204,087	1,466,361	2,224,726	2
17.00	1.20	506,924	651,253	9,413,955	11,912,991	3
21.38	0.71	91,966	94,754	2,343,361	2,015,602	4
20.80	0.71	103,510	107,787	2,689,232	1,825,344	5
24.13	0.50	234,211	240,579	6,622,275	3,312,652	6
16.88	1.46	152,151	175,944	2,638,035	4,668,396(1)	7
17.18	1.00	1,175,598	1,476,408	25,176,852	25,971,834	8
-	-	-	-	-	-	9
1,309	0.80		2,766	1,409,994	1,025,818	10
1,668	0.60		7,007	10,886,484	11,428,501(1)	11
4,094	0.29		282	1,072,876	319,312	12
6,393	0.25		567	3,477,938	981,212	13
19,080	0.19		553	9,844,675	1,808,962	14
12,529	0.43		256	3,100,531	1,168,308(1)	15
3,083	0.42		11,431	29,792,498	16,732,113	16
2,761	0.42		10,919	24,124,406	12,989,150	17
8,585	0.41		512	5,668,092	3,742,963	18
37.0	2.06		57	1,810	3,896	19
55.5	1.08		9,862	449,794	566,572	20
114.0	0.90		56,054	5,193,102	4,854,454	21
168.8	0.71		8,450	1,632,798	1,056,332	22
86.7	0.54		14,333	1,419,201	746,347	23
187.0	0.40		27,140	5,321,855	2,092,872	24
64.8	1.15		23,048	1,340,346	1,931,076(1)	25
116.3	0.73		138,944	15,358,906	11,251,549	26
3.0	2.85		2,061	5,443	16,019	27
16.9	1.08		216,715	3,326,149	3,817,116	28
41.2	0.89		714,314	25,493,541	28,195,946	29
44.3	0.61		103,486	5,049,035	3,391,246	30
57.0	0.45		122,687	7,586,371	3,552,903	31
76.4	0.33		268,272	21,788,805	7,214,486	32
37.8	0.98		199,248	7,078,912	7,767,780	33
44.9	0.69		1,626,783	70,328,256	53,955,496	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

December 1967				No.
Manufactured gas				
Customers	Gas sold	Revenue		No.
No.	Mcf.	\$		
1,779	7,448	9,463		1
522	14,274	15,641		2
22	30,097	11,466		3
2,323	51,819	36,570		4



TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	December 1967			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	4,333	-	2,662	6,995
Quebec .....	1,832,566	1,983,865	567,637	4,384,068
Ontario .....	9,554,928	12,434,322	6,773,884	28,763,134
Manitoba .....	2,170,674	1,188,756	1,560,350	4,919,780
Saskatchewan .....	2,382,317	3,727,011	1,335,574	7,444,902
Alberta .....	6,419,295	10,512,396	5,614,638	22,546,329
British Columbia .....	3,190,080	3,329,186	1,589,689	8,108,955
Canada .....	25,554,193	33,175,536	17,444,434	76,174,163

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	December 1967						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	118,925	479,366	10,993,977	2,960,548	19,649,294	34,202,110	..
Imports .....	-	8,781,589	-	16,401	-	8,797,990	..

.. Figures not available.

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	December 1967	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	180,306	24,252



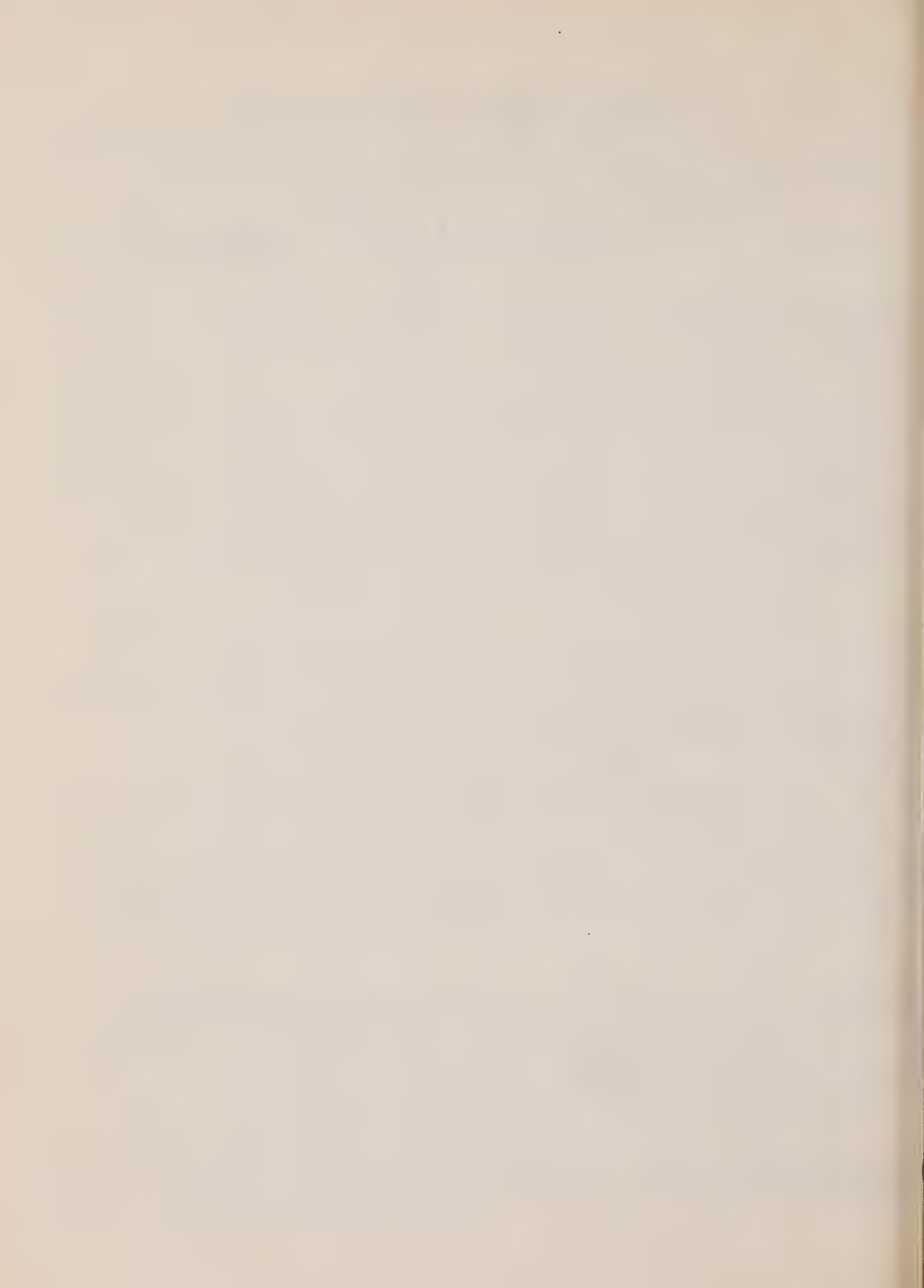
TABLE 11. Exports and Imports to and from the United States

December 1967

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	118,216	
Ontario - Cornwall .....	476,034	
Niagara Falls .....		5,985,760
Ojibway .....		3,391,805
Total Ontario .....	476,034	9,377,565
Manitoba - Emerson .....	10,917,554	-
Alberta - Aden .....	1,344,150	-
Carway .....	1,559,548	-
Coutts .....	123	16,529
Total Alberta .....	2,903,821	16,529
British Columbia - Kingsgate - U.S.A. District V South(1)	19,910,492	-
Other U.S.A. ....	4,729,293	-
Huntingdon .....	12,066,001	-
Total British Columbia .....	36,705,786	-
Canada - December 1967 .....	51,121,411	9,394,094
December 1966 .....	43,108,785	4,737,294
Year to date - 1967(2) .....	513,231,383	70,462,852
1966 .....	431,818,191	44,606,905
Value - December 1967 .....	13,068,895	1,314,218
December 1966 .....	10,968,161	2,093,930

1) California, Nevada, Arizona.

2) Twelve months total.



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 10, No. 1

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

JANUARY 1968

During January field gathering systems and processing plants delivered to gas utilities 131,546,722 Mcf. of natural gas. The transport systems accounted for 100,626,549 Mcf. and the distribution systems 30,920,173 Mcf. Natural gas imported from the U.S.A. was 6,173,198 Mcf. and the volume recovered from storage was 15,026,932 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over January 1967	Revenue \$'000	% of total revenue
Ultimate customers .....	91,378	59.8	15.5	64,879	82.9
Exports .....	52,093	34.1	19.2	13,416	17.1
Other uses and adjustments .....	9,353	6.1	...	...	...
Totals .....	152,824	100.0	17.1	78,295	100.0

... Figures not appropriate or not applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 83.5 billion commodity (Mcf.) miles (1,903 million ton miles) during January compared with 79.9 billion (Mcf.) miles (1,730 million ton miles) last year. The daily average deliveries of gas utilities amounted to 4.6 million Mcf.

Alberta natural gas utilities receipts totalled 107.1 billion cubic feet; of this 23.7 per cent was sold to ultimate customers in Alberta, 15.5 per cent in Ontario, 3.9 per cent in Quebec, 3.8 per cent in Saskatchewan, 1.3 per cent in British Columbia and 6.2 per cent in Manitoba. Exports accounted for 38.6 per cent and the remaining 7.0 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during January compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales '000 Mcf.	% of total sales	% increase over January 1967	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	36,332	39.8	16.6	34,834	53.7	1,541
Industrial .....	32,917	36.0	11.9	14,548	22.4	11
Commercial .....	22,129	24.2	19.6	15,497	23.9	148
Totals .....	91,378	100.0	15.6	64,879	100.0	1,700

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive view of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1968

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	12,591	-	1,024,625
2b	Processing plants .....	-	11,570	-
3	Total (1 + 2) .....	12,591	11,570	1,024,625
4	Imports .....	-	-	6,155,820
5	Other receipts(1) .....	-	-	4,000
6	Total net receipts (3 + 4 + 5) .....	12,591	11,570	7,184,445
7	Received from storage .....	-	-	13,412,545
9	Total supply of gas utilities (6 + 7) .....	12,591	11,570	20,596,990
	Transfers from:			
11	Other provinces .....	-	4,345,429	24,807,452
12	Distribution to transport (primary) .....	-	3,941,365	-
13	Other gas utilities .....	-	-	33,018,777
19	Total gross receipts (9 + 11 + 12 + 13) ...	12,591	8,298,364	78,423,219
	<u>Disposition</u>			
	Sales:			
20	Residential .....	4,967	1,624,703	15,706,438
21	Industrial .....	-	1,843,374	13,141,205
22	Commercial .....	3,204	695,126	8,229,476
30	Total sales (20 + 21 + 22) .....	8,171	4,163,203	37,077,119
31	Exports .....	-	126,007	415,003
32	Other deliveries .....	-	-	6,180
33	Total net deliveries (30 + 31 + 32) .....	8,171	4,289,210	37,498,302
34	Delivered to storage .....	-	-	20,667
35	Line pack fluctuation .....	-	- 2,052	45,238
36	Gas used in system .....	-	18,544	2,501,858
37	Line losses and unaccounted for .....	4,420	51,297	992,948
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	12,591	4,356,999	41,059,013
	Transfers to:			
40	Other provinces .....	-	-	4,345,429
41	Distribution by transport (primary) .....	-	3,941,365	23,054,791
42	Other gas utilities .....	-	-	9,963,986
49	Total disposition (39 + 40 + 41 + 42) .....	12,591	8,298,364	78,423,219

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1968

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	January 1967	No.
Mcf.					Canada	
-	-	8,002,747	486,112	8,488,859	8,465,265	1a
-	-	73,620,286	18,517,404	92,137,690	78,771,451	1b
-	2,756,450	12,113,934	-	15,907,600	15,707,256	2a
-	2,039,263	12,818,696	143,044	15,012,573	14,791,017	2b
-	4,795,713	106,555,663	19,146,560	131,546,722	117,734,989	3
-	-	17,378	-	6,173,198	4,379,773	4
56,683	-	1,709	14,296	76,688	23,683	5
56,683	4,795,713	106,574,750	19,160,856	137,796,608	122,138,445	6
-	1,103,438	510,949	-	15,026,932	8,346,900	7
56,683	5,899,151	107,085,699	19,160,856	152,823,540	130,485,345	9
42,735,933	48,009,015	-	28,645,116	-	-	11
-	3,676,684	1,177,531	-	8,795,580	6,345,214	12
6,365,225	4,010,878	6,750,791	8,843,757	58,989,428	56,422,445	13
49,157,841	61,595,728	115,014,021	56,649,729	220,608,548	193,253,004	19
3,306,576	3,650,964	8,697,119	3,341,213	36,331,980	31,158,284	20
1,074,435	4,078,459	9,724,860	3,054,609	32,916,942	29,418,788	21
2,272,112	2,038,209	6,978,257	1,912,652	22,129,036	18,494,795	22
6,653,123	9,767,632	25,400,236	8,308,474	91,377,958	79,071,867	30
10,902,019	-	2,941,368	37,708,515	52,092,912	43,700,898	31
-	-	117,114	-	123,294	241,834	32
17,555,142	9,767,632	28,458,718	46,016,989	143,594,164	123,014,599	33
-	156,262	-	-	176,929	311,925	34
33,928	138,555	31,117	300,754	547,540	29,177	35
600,156	1,205,727	824,713	1,235,068	6,386,066	5,101,044	36
- 204,062	- 95,943	1,117,020	253,161	2,118,841	2,028,600	37
17,985,164	11,172,233	30,431,568	47,805,972	152,823,540	130,485,345	39
24,807,452	42,735,933	76,654,131	-	-	-	40
6,365,225	4,010,878	99,201	8,348,546	45,820,006	42,803,077	41
-	3,676,684	7,829,121	495,211	21,965,002	19,964,582	42
49,157,841	61,595,728	115,014,021	56,649,729	220,608,548	193,253,004	49

... Figures not applicable or not appropriate.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,488,859				
1b	Processing plants .....	92,137,690				
2	By distribution systems:					
2a	Fields .....	15,907,600				
2b	Processing plants .....	15,012,573				
3	Total (1 + 2) .....	131,546,722				
4	Imports .....	6,173,198				
5	Other receipts(1) .....	76,688				
6	Total net receipts (3 + 4 + 5) .....	137,796,608				
7	Received from storage .....	15,026,932				
9	Total supply of gas utilities (6 + 7) .....	152,823,540				
	Transfers from:					
11	Other provinces .....	...				
12	Distribution to transport (primary) .....	8,795,580				
13	Other gas utilities .....	58,989,428				
19	Total gross receipts (9 + 11 + 12 + 13) ...	220,608,548				
	<u>Disposition</u>					
	Sales:					
20	Residential .....	36,331,980				
21	Industrial .....	32,916,942				
22	Commercial .....	22,129,036				
30	Total sales (20 + 21 + 22) .....	91,377,958				
31	Exports .....	52,092,912				
32	Other deliveries .....	123,294				
33	Total net deliveries (30 + 31 + 32) .....	143,594,164				
34	Delivered to storage .....	176,929				
35	Line pack fluctuation .....	547,540				
36	Gas used in system .....	6,386,066				
37	Line losses and unaccounted for .....	2,118,841				
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	152,823,540				
	Transfers to:					
40	Other provinces .....	...				
41	Distribution by transport (primary) .....	45,820,006				
42	Other gas utilities .....	21,965,002				
49	Total disposition (39 + 40 + 41 + 42) .....	220,608,548				

(1) Includes peak shaving and enrichment.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

June	July	August	September	October	November	December	Year to date		No.
							1968	1967	
				Mcf.					
							8,488,859	8,465,265	1a
							92,137,690	78,771,451	1b
							15,907,600	15,707,256	2a
							15,012,573	14,791,017	2b
							131,546,722	117,734,989	3
							6,173,198	4,379,773	4
							76,688	23,683	5
							137,796,608	122,138,445	6
							15,026,932	8,346,900	7
							152,823,540	130,485,345	9
							...	...	11
							8,795,580	6,345,214	12
							58,989,428	56,422,445	13
							220,608,548	193,253,004	19
							36,331,980	31,158,284	20
							32,916,942	29,418,788	21
							22,129,036	18,494,795	22
							91,377,958	79,071,867	30
							52,092,912	43,700,898	31
							123,294	241,834	32
							143,594,164	123,014,599	33
							176,929	311,925	34
							547,540	29,177	35
							6,386,066	5,101,044	36
							2,118,841	2,028,600	37
							152,823,540	130,485,345	39
							...	...	40
							45,820,006	42,803,077	41
							21,965,002	19,964,582	42
							220,608,548	193,253,004	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

January 1968

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	8,002,747	486,112	-	8,488,859
1b	Processing plants .....	-	-	-	-	73,620,286	18,517,404	-	92,137,690
2	By distribution systems:								
2a	Fields .....	12,591	-	1,024,625	2,756,450	12,113,934	-	-	15,907,600
2b	Processing plants .....	-	11,570	-	2,039,263	12,818,696	143,044	-	15,012,573
3	Total (1 + 2) .....	12,591	11,570	1,024,625	4,795,713	106,555,663	19,146,560	-	131,546,722
4	Imports .....	-	-	-	-	-	-	6,173,198	6,173,198
5	Other receipts(1) .....	-	-	4,000	-	58,392	14,296	-	76,688
6	Total net receipts (3 + 4 + 5) .....	12,591	11,570	1,028,625	4,795,713	106,614,055	19,160,856	6,173,198	137,796,608
7	Received from storage .....	-	-	13,412,545	1,103,438	510,949	-	-	15,026,932
9	Total supply of gas utilities (6 + 7) .....	12,591	11,570	14,441,170	5,899,151	107,125,004	19,160,856	6,173,198	152,823,540
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	1,412,711	6,895,763	-	8,308,474
24	Alberta .....	-	-	-	-	25,382,738	-	17,498	25,400,236
25	Saskatchewan .....	-	-	-	5,697,747	4,069,885	-	-	9,767,632
26	Manitoba .....	-	-	-	-	6,653,123	-	-	6,653,123
27	Ontario .....	-	-	14,320,755	-	16,600,544	-	6,155,820	37,077,119
28	Quebec .....	-	11,570	-	-	4,151,633	-	-	4,163,203
29	New Brunswick .....	8,171	-	-	-	-	-	-	8,171
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	8,171	11,570	14,320,755	5,697,747	58,270,634	6,895,763	6,173,318	91,377,958
31	Exports .....	-	-	-	-	41,300,276	10,792,636	-	52,092,912
32	Other deliveries .....	-	-	-	-	123,294	-	-	123,294
33	Total net deliveries (30 + 31 + 32) .....	8,171	11,570	14,320,755	5,697,747	99,694,204	17,688,399	6,173,318	143,594,164
34	Delivered to storage .....	-	-	-	156,262	20,667	-	-	176,929
35	Line pack fluctuation .....	-	-	-	- 8,467	270,338	285,669	-	547,540
36	Gas used in system .....	-	-	38,436	213,496	5,153,772	980,362	-	6,386,066
37	Line losses and unaccounted for .....	4,420	-	81,979	159,887	1,986,023	206,426	- 120	2,118,841
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	12,591	11,570	14,441,170	5,899,151	107,125,004	19,160,856	6,173,198	152,823,540

(1) Includes peak shaving and enrichment.

TABLE 4. Operating Statistics: Natural Gas Utilities

January 1968

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
January 1968:			
Daily average .....	3,158,481	2,947,691	4,637,777
Maximum(1) .....	3,494,251	...	...
Minimum(1) .....	3,026,002	...	...
Exports maximum(1) .....	1,759,357	...	...
January 1967:			
Daily average .....	2,790,451	2,550,705	3,978,275
Maximum(1) .....	3,039,856	...	...
Minimum(1) .....	2,542,371	...	...
Year to date 1968			
Daily average .....	3,158,481	2,947,691	4,637,777
Maximum(1) .....	3,494,251	..	..
Minimum(1) .....	3,026,002	..	..
Commodity miles:			
Mcf. miles (thousands) .....	83,458,759	..	..
Ton-miles (millions) .....	1,903	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,815,734	..	..
End of month (Mcf.) .....	8,356,326	..	..
Operating revenues .....	\$ ..	64,879,150	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

January 1968

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	45,660	215,414
Deliveries to ultimate customers .....	45,893	152,808
Line pack fluctuations .....	-	47
Gas used in system .....	-	3,246
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 233	59,313
Total disposition .....	45,660	215,414
Daily average sendout .....	1,473	6,949
Revenues .....	\$ 37,424	255,816

TABLE 6. Sales of Natural Gas

No.		January 1968			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	131	1,212	4,967	16,200
2	Quebec .....	93,129	204,713	1,624,703	2,516,465
3	Ontario .....	543,887	677,789	15,706,438	18,279,064
4	Manitoba .....	99,545	102,119	3,306,576	2,794,197
5	Saskatchewan .....	110,987	116,416	3,650,964	2,391,063
6	Alberta .....	245,169	250,841	8,697,119	4,105,088
7	British Columbia .....	168,166	187,789	3,341,213	4,732,215
8	Canada .....	1,261,014	1,540,879	36,331,980	34,834,292
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,395	1,843,374	1,730,794
11	Ontario .....		7,425	13,141,205	8,200,359
12	Manitoba .....		288	1,074,435	336,810
13	Saskatchewan .....		586	4,078,459	1,064,946
14	Alberta .....		562	9,724,860	1,927,257
15	British Columbia .....		221	3,054,609	1,287,327
16	Canada .....		11,477	32,916,942	14,547,493
17	Firm .....		10,387	24,805,904	11,854,957
18	Interruptible .....		1,090	8,111,038	2,692,536
	Commercial:				
19	New Brunswick .....		60	3,204	6,403
20	Quebec .....		10,173	695,126	855,883
21	Ontario .....		59,736	8,229,476	7,472,953
22	Manitoba .....		9,242	2,272,112	1,431,337
23	Saskatchewan .....		15,956	2,038,209	1,069,830
24	Alberta .....		28,278	6,978,257	2,530,167
25	British Columbia .....		24,291	1,912,652	2,130,792
26	Canada .....		147,736	22,129,036	15,497,365
	Total sales:				
27	New Brunswick .....		1,272	8,171	22,603
28	Quebec .....		217,281	4,163,203	5,103,142
29	Ontario .....		744,950	37,077,119	33,952,376
30	Manitoba .....		111,649	6,653,123	4,562,344
31	Saskatchewan .....		132,958	9,767,632	4,525,839
32	Alberta .....		279,681	25,400,236	8,562,512
33	British Columbia .....		212,301	8,308,474	8,150,334
34	Canada .....		1,700,092	91,377,958	64,879,150

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		January 1968		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	13,445	90,981	172,769
2	Industrial .....	7	447	905
3	Commercial .....	2,625	61,380	82,142
4	Total .....	16,077	152,808	255,816

TABLE 6. Sales of Natural Gas

		January 1967					
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.	
		Space heating	Total				
Mcf.	\$	No.		Mcf.	\$		
4.1	3.26	100	1,998	4,454	13,955	1	
7.9	1.55	87,565	204,629	1,580,948	2,262,109	2	
23.2	1.16	515,859	654,388	13,567,076	15,920,451	3	
32.4	0.85	92,668	95,410	2,882,300	2,446,781	4	
31.4	0.65	105,094	109,434	3,088,442	2,050,671	5	
34.7	0.47	235,885	242,074	7,187,077	3,530,447	6	
17.8	1.42	156,376	176,683	2,847,987	4,138,927	7	
23.6	0.96	1,193,547	1,484,616	31,158,284	30,363,341	8	
-	-	-	-	-	-	9	
769	0.94		2,383	1,254,983	931,146	10	
1,769	0.62		7,115	11,551,624	7,166,006	11	
3,730	0.31		281	1,086,482	371,014	12	
6,959	0.26		572	2,892,768	808,926	13	
17,304	0.20		551	9,522,368	1,825,333	14	
13,821	0.42		203	3,110,563	1,294,765	15	
2,868	0.44		11,105	29,418,788	12,397,190	16	
			10,581	25,353,546	10,750,726	17	
			524	4,065,242	1,646,464	18	
53.4	2.00		58	2,311	4,666	19	
68.3	1.23		9,968	495,060	612,862	20	
137.8	0.91		56,618	6,690,686	6,194,682	21	
245.8	0.63		8,506	1,953,826	1,302,802	22	
127.7	0.52		14,818	1,746,412	885,803	23	
246.8	0.36		27,375	6,042,367	3,379,551	24	
78.7	1.11		23,262	1,564,133	1,763,676	25	
149.8	0.70		140,605	18,494,795	14,144,042	26	
6.4	2.77		2,056	6,765	18,621	27	
19.2	1.23		216,980	3,330,991	3,806,117	28	
49.8	0.92		718,121	31,809,386	29,281,139	29	
59.6	0.69		104,197	5,922,608	4,120,597	30	
73.5	0.46		124,824	7,727,622	3,745,400	31	
90.8	0.34		270,000	22,751,812	8,735,331	32	
39.1	0.98		200,148	7,522,683	7,197,368	33	
53.7	0.71		1,636,326	79,071,867	56,904,573	34	

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

January 1968				No.
Manufactured gas				
Customers	Gas sold		Revenue	
No.	Mcf.		\$	
1,785	10,076		13,465	1
22	23,985		9,848	2
511	11,832		14,111	3
2,318	45,893		37,424	4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	January 1968			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	5,993	-	3,865	9,858
Quebec .....	1,642,958	1,891,715	702,797	4,237,470
Ontario .....	15,488,535	13,608,447	8,132,382	37,229,364
Manitoba .....	3,337,811	1,082,380	2,294,473	6,714,664
Saskatchewan .....	3,670,786	4,100,603	2,049,275	9,820,664
Alberta .....	9,327,922	10,321,884	7,230,539	26,880,345
British Columbia .....	3,383,403	3,154,527	2,014,251	8,552,181
Canada .....	36,857,408	34,159,556	22,427,582	93,444,546

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	January 1968						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	133,189	416,663	10,989,235	3,418,529	39,647,407	54,605,023	54,605,023
Imports .....	-	6,230,913	-	17,378	-	6,248,291	6,248,291

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	January 1968	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	124,393	32,497



TABLE 11. Exports and Imports to and from the United States

January 1968

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	126,007	-
Ontario - Cornwall .....	415,003	-
Niagara Falls .....	-	4,805,247
Ojibway .....	-	1,350,573
Total Ontario .....	415,003	6,155,820
Manitoba - Emerson .....	10,902,019	-
Alberta - Aden .....	1,401,733	-
Carway .....	1,538,780	-
Coutts .....	855	17,378
Total Alberta .....	2,941,368	17,378
British Columbia - Kingsgate - U.S.A. District V South(1)	20,956,496	-
Other U.S.A. ....	4,370,047	-
Huntingdon .....	12,381,972	-
Total British Columbia .....	37,708,515	-
Canada - 1968 .....	52,092,912	6,173,198
1967 .....	43,700,898	4,379,773
Year to date - 1968 .....	52,092,912	6,173,198
1967 .....	43,700,898	4,379,773
Value - 1968 .....	13,416,422	2,829,684
1967 .....	9,969,824	3,857,312

(1) California, Nevada, Arizona.



CATALOGUE No.

55-002

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 10, No. 2

Price: 20 cents, \$2.00 a year

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GAS UTILITIES  
(Transport and Distribution Systems)

FEBRUARY 1968

During February field gathering systems and processing plants delivered to gas utilities 123,823,947 Mcf. of natural gas. The transport systems accounted for 94,979,532 Mcf. and the distribution systems 28,844,415 Mcf. Natural gas imported from the U.S.A. was 6,629,657 Mcf. and the volume recovered from storage was 12,593,881 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume	% of total supply	% increase over February 1967	Revenue	% of total revenue
	'000 Mcf.			\$'000	
Ultimate customers .....	85,086	59.4	11.6	59,789	82.3
Exports .....	49,271	34.4	22.8	12,831	17.7
Other uses and adjustments .....	8,794	6.2	...	...	...
Totals .....	143,151	100.0	19.3	72,620	100.0

... Figures not appropriate or not applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 78.5 billion commodity (Mcf.) miles (1,789 million ton miles) during February compared with 66.3 billion (Mcf.) miles (1,512 million ton miles) last year. The daily average deliveries of gas utilities amounted to 4.7 million Mcf.

Alberta natural gas utilities receipts totalled 99.9 billion cubic feet; of this 22.3 per cent was sold to ultimate customers in Alberta, 15.6 per cent in Ontario, 3.8 per cent in Quebec, 3.8 per cent in Saskatchewan, 1.2 per cent in British Columbia and 5.7 per cent in Manitoba. Exports accounted for 38.9 per cent and the remaining 8.7 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during February compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales	% of total sales	% increase over February 1967	Revenue	% of sales revenue	Number of customers
	'000 Mcf.			\$'000		'000
Residential .....	32,452	38.1	5.7	31,580	52.8	1,548
Industrial .....	33,060	38.9	21.2	13,779	23.1	12
Commercial .....	19,574	23.0	7.4	14,430	24.1	149
Totals .....	85,086	100.0	11.6	59,789	100.0	1,709

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

June 1968  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

February 1968

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	12,661	14,931	1,208,009
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	12,661	14,931	1,208,009
4	Imports .....	-	-	6,617,479
5	Other receipts(1) .....	-	-	6,608
6	Total net receipts (3 + 4 + 5) .....	12,661	14,931	7,832,096
7	Received from storage .....	-	-	11,543,958
9	Total supply of gas utilities (6 + 7) .....	12,661	14,931	19,376,054
	Transfers from:			
11	Other provinces .....	-	3,951,744	23,281,208
12	Distribution to transport (primary) .....	-	3,573,780	-
13	Other gas utilities .....	-	-	31,088,986
19	Total gross receipts (9 + 11 + 12 + 13) ...	12,661	7,540,455	73,746,248
	<u>Disposition</u>			
	Sales:			
20	Residential .....	4,066	1,867,641	14,539,195
21	Industrial .....	-	1,321,999	12,460,686
22	Commercial .....	2,630	637,218	7,708,306
30	Total sales (20 + 21 + 22) .....	6,696	3,826,858	34,708,187
31	Exports .....	-	128,369	365,011
32	Other deliveries .....	-	-	5,698
33	Total net deliveries (30 + 31 + 32) .....	6,696	3,955,227	35,078,896
34	Delivered to storage .....	-	-	22,672
35	Line pack fluctuation .....	-	-	3,407
36	Gas used in system .....	-	17,515	2,401,206
37	Line losses and unaccounted for .....	5,965	- 6,067	1,199,337
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	12,661	3,966,675	38,705,518
	Transfers to:			
40	Other provinces .....	-	-	3,951,744
41	Distribution by transport (primary) .....	-	3,573,780	21,728,797
42	Other gas utilities .....	-	-	9,360,189
49	Total disposition (39 + 40 + 41 + 42) .....	12,661	7,540,455	73,746,248

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

February 1968

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	February 1967	No.
					Canada	
Mcf.						
-	-	7,030,708	443,219	7,473,927	7,589,123	1a
-	-	69,583,351	17,922,254	87,505,605	70,197,341	1b
-	4,491,813	10,478,816	-	16,206,230	13,120,081	2a
-	-	12,505,295	132,890	12,638,185	12,488,766	2b
-	4,491,813	99,598,170	18,498,363	123,823,947	103,395,311	3
-	-	12,178	-	6,629,657	3,837,708	4
95,177	-	1,271	-	103,056	13,514	5
95,177	4,491,813	99,611,619	18,498,363	130,556,660	107,246,533	6
-	809,156	240,767	-	12,593,881	12,781,478	7
95,177	5,300,969	99,852,386	18,498,363	143,150,541	120,028,011	9
40,125,744	44,995,538	-	26,724,561	-	-	11
-	3,523,574	1,213,886	-	8,311,240	5,127,330	12
5,906,966	3,950,007	6,629,390	8,351,448	55,926,797	53,253,749	13
46,127,887	57,770,088	107,695,662	53,574,372	207,388,578	178,409,090	19
2,739,920	3,595,909	7,134,678	2,571,139	32,452,548	30,687,889	20
1,140,134	4,642,877	9,518,405	3,975,706	33,059,807	27,288,180	21
1,852,232	1,919,197	5,640,629	1,813,888	19,574,100	18,232,554	22
5,732,286	10,157,983	22,293,712	8,360,733	85,086,455	76,208,623	30
10,314,427	-	2,897,577	35,565,230	49,270,614	40,121,156	31
-	-	1,068,893	-	1,074,591	94,608	32
16,046,713	10,157,983	26,260,182	43,925,963	135,431,660	116,424,387	33
-	152,691	-	-	175,363	675,440	34
2,984	9,417	- 47,731	- 25,769	- 57,692	- 238,840	35
570,467	1,132,218	609,561	1,103,222	5,834,189	4,307,636	36
319,549	- 1,281,546	1,310,275	219,508	1,767,021	- 1,140,612	37
16,939,713	10,170,763	28,132,287	45,222,924	143,150,541	120,028,011	39
23,281,208	40,125,744	71,720,099	-	-	-	40
5,906,966	3,950,007	62,662	8,128,690	43,350,902	38,618,252	41
-	3,523,574	7,780,614	222,758	20,887,135	19,762,827	42
46,127,887	57,770,088	107,695,662	53,574,372	207,388,578	178,409,090	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada,

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,488,859	7,473,927			
1b	Processing plants .....	92,137,690	87,505,605			
2	By distribution systems:					
2a	Fields .....	15,919,170 <sup>r</sup>	16,206,230			
2b	Processing plants .....	15,001,003 <sup>r</sup>	12,638,185			
3	Total (1 + 2) .....	131,546,722	123,823,947			
4	Imports .....	6,173,198	6,629,657			
5	Other receipts(1) .....	76,688	103,056			
6	Total net receipts (3 + 4 + 5) .....	137,796,608	130,556,660			
7	Received from storage .....	15,026,932	12,593,881			
9	Total supply of gas utilities (6 + 7) .....	152,823,540	143,150,541			
	Transfers from:					
11	Other provinces .....	...	...			
12	Distribution to transport (primary) .....	8,795,580	8,311,240			
13	Other gas utilities .....	58,989,428	55,926,797			
19	Total gross receipts (9 + 11 + 12 + 13) ...	220,608,548	207,388,578			
	<u>Disposition</u>					
	Sales:					
20	Residential .....	36,331,980	32,452,548			
21	Industrial .....	32,916,942	33,059,807			
22	Commercial .....	22,129,036	19,574,100			
30	Total sales (20 + 21 + 22) .....	91,377,958	85,086,455			
31	Exports .....	52,092,912	49,270,614			
32	Other deliveries .....	123,294	1,074,591			
33	Total net deliveries (30 + 31 + 32) .....	143,594,164	135,431,660			
34	Delivered to storage .....	176,929	175,363			
35	Line pack fluctuation .....	547,540	- 57,692			
36	Gas used in system .....	6,386,066	5,834,189			
37	Line losses and unaccounted for .....	2,118,841	1,767,021			
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	152,823,540	143,150,541			
	Transfers to:					
40	Other provinces .....	...	...			
41	Distribution by transport (primary) .....	45,820,006	43,350,902			
42	Other gas utilities .....	21,965,002	20,887,135			
49	Total disposition (39 + 40 + 41 + 42) .....	220,608,548	207,388,578			

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada,

June	July	August	September	October	November	December	Year to date January to February inclusive		No.
							1968	1967	
				Mcf.					
							15,962,786	16,054,388	1a
							179,643,295	148,968,792	1b
							32,125,400	28,827,337	2a
							27,639,188	27,279,783	2b
							255,370,669	221,130,300	3
							12,802,855	8,217,481	4
							179,744	37,197	5
							268,353,268	229,384,978	6
							27,620,813	21,128,378	7
							295,974,081	250,513,356	9
							...	...	11
							17,106,820	11,472,544	12
							114,916,225	109,676,194	13
							427,997,126	371,662,094	19
							68,784,528	61,846,173	20
							65,976,749	56,706,968	21
							41,703,136	36,727,349	22
							176,464,413	155,280,490	30
							101,363,526	83,822,054	31
							1,197,885	336,442	32
							279,025,824	239,438,986	33
							352,292	987,365	34
							489,848	- 209,663	35
							12,220,255	9,408,680	36
							3,885,862	887,988	37
							295,974,081	250,513,356	39
							...	...	40
							89,170,908	81,421,329	41
							42,852,137	39,727,409	42
							427,997,126	371,662,094	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

February 1968

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	7,030,708	443,219	-	7,473,927
1b	Processing plants .....	-	-	-	-	69,583,351	17,922,254	-	87,505,605
2	By distribution systems:								
2a	Fields .....	12,661	14,931	1,208,009	4,491,813	10,478,816	-	-	16,206,230
2b	Processing plants .....	-	-	-	-	12,505,295	132,890	-	12,638,185
3	Total (1 + 2) .....	12,661	14,931	1,208,009	4,491,813	99,598,170	18,498,363	-	123,823,947
4	Imports .....	-	-	-	-	-	-	6,629,657	6,629,657
5	Other receipts(1) .....	-	-	6,608	-	96,448	-	-	103,056
6	Total net receipts (3 + 4 + 5) .....	12,661	14,931	1,214,617	4,491,813	99,694,618	18,498,363	6,629,657	130,556,660
7	Received from storage .....	-	-	11,543,958	809,156	240,767	-	-	12,593,881
9	Total supply of gas utilities (6 + 7) .....	12,661	14,931	12,758,575	5,300,969	99,935,385	18,498,363	6,629,657	143,150,541
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	1,217,022	7,143,711	-	8,360,733
24	Alberta .....	-	-	-	-	22,280,886	-	12,826	22,293,712
25	Saskatchewan .....	-	-	-	6,352,734	3,805,249	-	-	10,157,983
26	Manitoba .....	-	-	-	-	5,732,286	-	-	5,732,286
27	Ontario .....	-	-	12,514,284	-	15,576,424	-	6,617,479	34,708,187
28	Quebec .....	-	14,931	-	-	3,811,927	-	-	3,826,858
29	New Brunswick .....	6,696	-	-	-	-	-	-	6,696
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	6,696	14,931	12,514,284	6,352,734	52,423,794	7,143,711	6,630,305	85,086,455
31	Exports .....	-	-	-	-	38,923,394	10,347,220	-	49,270,614
32	Other deliveries .....	-	-	-	-	1,074,591	-	-	1,074,591
33	Total net deliveries (30 + 31 + 32) .....	6,696	14,931	12,514,284	6,352,734	92,421,779	17,490,931	6,630,305	135,431,660
34	Delivered to storage .....	-	-	-	152,691	22,672	-	-	175,363
35	Line pack fluctuation .....	-	-	-	- 3,514	- 33,460	- 20,718	-	- 57,692
36	Gas used in system .....	-	-	43,659	188,694	4,719,380	882,456	-	5,834,189
37	Line losses and unaccounted for .....	5,965	-	200,632	1,389,636	2,805,014	145,694	- 648	1,767,021
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	12,661	14,931	12,758,575	5,300,969	99,935,385	18,498,363	6,629,657	143,150,541

(1) Includes peak shaving and enrichment.

TABLE 4. Operating Statistics: Natural Gas Utilities

February 1968

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
February 1968:			
Daily average .....	3,193,845	2,934,016	4,676,104
Maximum(1) .....	3,468,908	...	...
Minimum(1) .....	3,008,700	...	...
Exports maximum(1) .....	1,769,086	...	...
February 1967:			
Daily average .....	2,812,121	2,721,737	4,182,136
Maximum(1) .....	3,063,732	...	...
Minimum(1) .....	2,586,086	...	...
Year to date 1968:			
Daily average .....	3,175,573	2,941,074	4,656,302
Maximum(1) .....	3,494,251	...	...
Minimum(1) .....	3,008,700	...	...
Commodity miles:			
Mcf. miles (thousands) .....	78,468,198	..	..
Ton-miles (millions) .....	1,789	..	..
Line pack:			
Beginning of month (Mcf.) .....	8,356,326	..	..
End of month (Mcf.) .....	8,450,282	..	..
Operating revenues .....	..	59,789,145	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

February 1968

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	32,683	207,902
Deliveries to ultimate customers .....	28,846	119,313
Line pack fluctuations .....	-	374
Gas used in system .....	-	3,075
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	3,837	85,140
Total disposition .....	32,683	207,902
Daily average sendout .....	1,127	7,169
Revenues .....	28,304	192,931

TABLE 6. Sales of Natural Gas

No.		February 1968			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	130	1,903	4,066	13,414
2	Quebec .....	93,792	204,229	1,867,641	2,805,822
3	Ontario .....	547,608	679,385	14,539,195	17,053,325
4	Manitoba .....	96,851	102,308	2,739,920	2,358,304
5	Saskatchewan .....	110,652	116,067	3,595,909	2,362,738
6	Alberta .....	249,171	251,417	7,134,678	3,522,902
7	British Columbia .....	169,352	192,938	2,571,139	3,463,318
8	Canada .....	1,267,556	1,548,247	32,452,548	31,579,823
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,252	1,321,999	984,411
11	Ontario .....		7,372	12,460,686	7,753,588
12	Manitoba .....		287	1,140,134	354,331
13	Saskatchewan .....		585	4,642,877	1,189,917
14	Alberta .....		811	9,518,405	1,796,249
15	British Columbia .....		215	3,975,706	1,700,948
16	Canada .....		11,522	33,059,807	13,779,444
17	Firm .....		10,436	22,903,476	10,963,817
18	Interruptible .....		1,086	10,156,331	2,815,627
	Commercial:				
19	New Brunswick .....	60	2,630	5,222	
20	Quebec .....	10,264	637,218	804,182	
21	Ontario .....	60,507	7,708,306	7,121,579	
22	Manitoba .....	9,233	1,852,232	1,263,103	
23	Saskatchewan .....	15,922	1,919,197	1,010,751	
24	Alberta .....	28,268	5,640,629	2,159,519	
25	British Columbia .....	25,122	1,813,888	2,065,522	
26	Canada .....	149,376	19,574,100	14,429,878	
	Total sales:				
27	New Brunswick .....	1,963	6,696	18,636	
28	Quebec .....	216,745	3,826,858	4,594,415	
29	Ontario .....	747,264	34,708,187	31,928,492	
30	Manitoba .....	111,828	5,732,286	3,975,738	
31	Saskatchewan .....	132,574	10,157,983	4,563,406	
32	Alberta .....	280,496	22,293,712	7,478,670	
33	British Columbia .....	218,275	8,360,733	7,229,788	
34	Canada .....	1,709,145	85,086,455	59,789,145	

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		February 1968		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	13,579	65,520	126,264
2	Industrial .....	7	432	866
3	Commercial .....	2,583	53,361	72,801
4	Total .....	16,169	119,313	199,931

TABLE 6. Sales of Natural Gas

Sales per customer	Revenue per Mcf.	February 1967				No.
		Customers		Gas sold	Revenue	
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
2.1	3.30	100	1,988	4,162	14,067	1
9.1	1.50	88,137	205,044	1,713,771	2,503,447	2
21.4	1.73	516,425	654,882	13,500,642	15,890,132	3
26.8	0.86	93,268	95,994	2,696,062	2,402,369	4
31.0	0.66	105,129	109,470	3,246,941	2,137,211	5
28.4	0.49	238,510	242,682	7,084,794	3,450,731	6
13.3	1.34	157,125	177,378	2,441,517	3,482,724	7
21.0	0.97	1,198,694	1,487,438	30,687,889	29,880,681	8
-	-	-	-	-	-	9
587	0.74		2,240	989,959	751,983	10
1,690	0.62		7,064	10,533,453	6,684,712	11
3,973	0.31		268	1,007,092	343,059	12
7,937	0.26		577	2,946,323	873,218	13
11,737	0.19		523	8,486,941	1,640,254	14
18,492	0.43		228	3,324,412	1,350,621	15
2,869	0.42		10,900	27,288,180	11,643,847	16
			10,564	23,931,511	9,895,284	17
			336	3,356,669	1,748,563	18
43.8	1.99		58	2,299	4,614	19
62.1	1.26		10,094	561,039	674,231	20
127.4	0.92		56,593	6,660,918	6,129,146	21
200.6	0.68		8,580	1,919,777	1,284,208	22
120.5	0.53		14,857	1,781,407	938,961	23
199.5	0.38		27,482	5,809,944	2,078,502	24
72.2	1.14		23,459	1,497,170	1,948,603	25
131.0	0.74		141,123	18,232,554	13,058,265	26
3.4	2.78		2,046	6,461	18,681	27
17.7	1.20		217,378	3,264,769	3,929,661	28
46.4	0.92		718,539	30,695,013	28,703,990	29
51.3	0.69		104,842	5,622,931	4,029,636	30
76.6	0.45		124,904	7,974,671	3,949,390	31
79.5	0.34		270,687	21,381,679	7,169,487	32
38.3	0.86		201,065	7,263,099	6,781,948	33
49.8	0.70		1,639,461	76,208,623	54,582,793	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

February 1968				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
1,763	7,882	9,974	1	
22	9,445	5,295	2	
520	11,519	13,035	3	
2,305	28,846	28,304	4	

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	February 1968			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	4,906	-	3,173	8,079
Quebec .....	1,887,057	1,327,522	643,640	3,858,219
Ontario .....	14,646,925	12,559,163	7,764,116	34,970,204
Manitoba .....	2,767,813	1,150,484	1,872,693	5,790,990
Saskatchewan .....	3,615,432	4,668,085	1,929,617	10,213,134
Alberta .....	7,584,048	9,983,968	6,029,555	23,597,571
British Columbia .....	2,710,413	4,209,309	1,919,061	8,838,783
Canada .....	33,216,594	33,898,531	20,161,855	87,276,980

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	February 1968						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	129,268	367,201	10,396,942	2,937,513	37,405,042	51,235,966	105,840,989
Imports .....	-	6,676,636	-	12,178	-	6,688,814	12,937,105

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	February 1968	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	102,651	13,399



TABLE 11. Exports and Imports to and from the United States  
February 1968

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	128,369	-
Ontario - Cornwall .....	365,011	-
Niagara Falls .....	-	4,526,265
Ojibway .....	-	2,091,214
Total Ontario .....	365,011	6,617,479
Manitoba - Emerson .....	10,314,427	-
Alberta - Aden .....	1,439,653	-
Carway .....	1,457,709	-
Coutts .....	215	12,178
Total Alberta .....	2,897,577	12,178
British Columbia - Kingsgate - U.S.A. District V South(1)	19,410,148	-
Other U.S.A. ....	4,419,818	-
Huntingdon .....	11,735,264	-
Total British Columbia .....	35,565,230	-
Canada - 1968 .....	49,270,614	6,629,657
1967 .....	40,121,156	3,837,708
Year to date - 1968 .....	101,363,526	12,802,855
1967 .....	83,822,054	8,217,481
Value - 1968 .....	12,831,264	3,037,724
1967 .....	9,886,099	1,723,604

(1) California, Nevada, Arizona.



CATALOGUE No.

55-002

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 10, No. 3

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

MARCH 1968

During March field gathering systems and processing plants delivered to gas utilities 123,670,145 Mcf. of natural gas. The transport systems accounted for 97,133,958 Mcf. and the distribution systems 26,536,187 Mcf. Natural gas imported from the U.S.A. was 9,259,754 Mcf. and the volume recovered from storage was 3,669,569 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over March 1967	Revenue \$'000	% of total revenue
Ultimate customers .....	78,496	57.4	1.7	56,105	80.2
Exports .....	52,521	38.5	1.7	13,862	19.8
Other uses and adjustments .....	5,642	4.1	...	...	...
Totals .....	136,659	100.0	7.9	69,967	100.0

... Figures not appropriate or applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 80.9 billion commodity (Mcf.) miles (1,844 million ton miles) during March compared with 77.8 billion (Mcf.) miles (1,773 million ton miles) last year. The daily average deliveries of gas utilities amounted to 4.4 million Mcf.

Alberta natural gas utilities receipts totalled 99.0 billion cubic feet; of this 18.8 per cent was sold to ultimate customers in Alberta, 19.3 per cent in Ontario, 3.7 per cent in Quebec, 3.2 per cent in Saskatchewan, 1.0 per cent in British Columbia and 5.7 per cent in Manitoba. Exports accounted for 41.8 per cent and the remaining 6.5 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during March compared to the same month for the previous year. Details are contained in the following table.

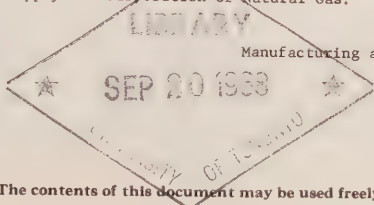
Sales Category	Sales '000 Mcf.	% of total sales	% increase over March 1967	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	27,843	35.5	- 3.6	29,045	51.8	1,548
Industrial .....	33,774	43.0	8.0	14,111	25.1	11
Commercial .....	16,879	21.5	- 0.9	12,948	23.1	149
Totals .....	78,496	100.0	1.7	56,105	100.0	1,708

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

June 1968  
6503-509

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TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1968

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	13,504	12,982	1,418,183
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	13,504	12,982	1,418,183
4	Imports .....	-	-	9,250,215
5	Other receipts(1) .....	-	-	40
6	Total net receipts (3 + 4 + 5) .....	13,504	12,982	10,668,438
7	Received from storage .....	-	-	3,154,171
9	Total supply of gas utilities (6 + 7) .....	13,504	12,982	13,822,609
	Transfers from:			
11	Other provinces .....	-	3,867,433	24,280,424
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	3,525,335	30,646,602
19	Total gross receipts (9 + 11 + 12 + 13) ...	13,504	7,405,750	68,749,635
	<u>Disposition</u>			
	Sales:			
20	Residential .....	4,416	1,399,512	13,760,748
21	Industrial .....	-	1,665,298	13,148,862
22	Commercial .....	2,847	608,607	7,142,819
30	Total sales (20 + 21 + 22) .....	7,263	3,673,417	34,052,429
31	Exports .....	-	137,970	395,606
32	Other deliveries .....	-	-	4,497
33	Total net deliveries (30 + 31 + 32) .....	7,263	3,811,387	34,452,532
34	Delivered to storage .....	-	-	2,255,593
35	Line pack fluctuation .....	-	1,034	- 5,537
36	Gas used in system .....	-	13,576	2,275,042
37	Line losses and unaccounted for .....	6,241	54,418	- 4,742,030
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	13,504	3,880,415	34,235,600
	Transfers to:			
40	Other provinces .....	-	-	3,867,433
41	Distribution by transport (primary) .....	-	3,525,335	24,845,248
42	Other gas utilities .....	-	-	5,801,354
49	Total disposition (39 + 40 + 41 + 42) .....	13,504	7,405,750	68,749,635

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1968

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	March 1967	No.
Mcf.					Canada	
-	-	6,204,726	292,938	6,497,664	8,250,295	1a
-	-	71,682,160	18,954,134	90,636,294	78,413,384	1b
-	4,422,273	8,455,743	-	14,322,685	13,960,144	2a
-	-	12,122,179	91,323	12,213,502	14,048,494	2b
-	4,422,273	98,464,808	19,338,395	123,670,145	114,672,317	3
-	-	9,539	-	9,259,754	4,959,518	4
57,899	-	1,259	-	59,198	903	5
57,899	4,422,273	98,475,606	19,338,395	132,989,097	119,632,738	6
-	462,523	52,875	-	3,669,569	7,013,740	7
57,899	4,884,796	98,528,481	19,338,395	136,658,666	126,646,478	9
40,396,945	44,584,602	-	28,068,530	-	-	11
-	3,503,466	1,307,544	-	4,811,010	6,144,645	12
4,859,170	3,583,108	6,405,182	8,194,569	57,213,966	55,909,055	13
45,314,014	56,555,972	106,241,207	55,601,494	339,881,576	188,700,178	19
2,414,987	2,447,114	5,304,693	2,511,024	27,842,494	28,870,048	20
1,536,537	4,296,799	8,892,913	4,233,825	33,774,234	31,285,178	21
1,695,329	1,647,133	4,334,573	1,447,863	16,879,171	17,024,248	22
5,646,853	8,391,046	18,532,179	8,192,712	78,495,899	77,179,474	30
10,647,387	-	3,120,720	38,219,326	52,521,009	44,865,129	31
-	4,190	1,178,593	-	1,187,280	92,079	32
16,294,240	8,395,236	22,831,492	46,412,038	132,204,188	122,136,682	33
-	373,003	22,902	-	2,651,498	1,207,130	34
1,579	1,221	- 18,305	758,671	738,663	136,621	35
544,826	1,067,857	684,155	176,961	4,762,417	5,183,681	36
- 666,225	- 764,864	2,355,105	59,255	- 3,698,100	- 2,017,636	37
16,174,420	9,072,453	25,875,349	47,406,925	136,658,666	126,646,478	39
24,280,424	40,396,945	72,653,132	-	-	-	40
4,859,170	3,583,108	58,060	8,026,619	44,897,540	38,291,533	41
-	3,503,466	7,654,666	167,950	17,127,436	23,762,167	42
45,314,014	56,555,972	106,241,207	55,601,494	339,881,576	188,700,178	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

No.		January	February	March	April	May
				Mef.		
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,488,859	7,473,927	6,497,664		
1b	Processing plants .....	92,137,690	87,505,605	90,636,294		
2	By distribution systems:					
2a	Fields .....	15,907,600	16,206,230	14,322,685		
2b	Processing plants .....	15,012,573	12,638,185	12,213,502		
3	Total (1 + 2) .....	131,546,722	123,823,947	123,670,145		
4	Imports .....	6,173,198	6,629,657	9,259,754		
5	Other receipts(1) .....	76,688	103,056	59,198		
6	Total net receipts (3 + 4 + 5) .....	137,796,608	130,556,660	132,989,097		
7	Received from storage .....	15,026,932	12,593,881	3,669,569		
9	Total supply of gas utilities (6 + 7) ....	152,823,540	143,150,541	136,658,666		
	Transfers from:					
11	Other provinces .....	...	...	...		
12	Distribution to transport (primary) .....	8,795,580	8,311,240	4,811,010		
13	Other gas utilities .....	58,989,428	55,926,797	57,213,966		
19	Total gross receipts (9 + 11 + 12 + 13) ...	220,608,548	207,388,578	198,683,642		
	<u>Disposition</u>					
	Sales:					
20	Residential .....	36,331,980	32,452,548	27,842,494		
21	Industrial .....	32,916,942	33,059,807	33,774,234		
22	Commercial .....	22,129,036	19,574,100	16,879,171		
30	Total sales (20 + 21 + 22) .....	91,377,958	85,086,455	78,495,899		
31	Exports .....	52,092,912	49,270,614	52,521,009		
32	Other deliveries .....	123,294	1,074,591	1,187,280		
33	Total net deliveries (30 + 31 + 32) .....	143,594,164	135,431,660	132,204,188		
34	Delivered to storage .....	176,929	175,363	2,651,498		
35	Line pack fluctuation .....	547,540	- 57,692	738,663		
36	Gas used in system .....	6,386,066	5,834,189	4,762,417		
37	Line losses and unaccounted for .....	2,118,841	1,767,021	- 3,698,100		
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	152,823,540	143,150,541	136,658,666		
	Transfers to:					
40	Other provinces .....	...	...	...		
41	Distribution by transport (primary) .....	45,820,006	43,350,902	44,897,540		
42	Other gas utilities .....	21,965,002	20,887,135	17,127,436		
49	Total disposition (39 + 40 + 41 + 42) ....	220,608,548	207,388,578	198,683,642		

(1) Includes peak shaving and enrichment.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

June	July	August	September	October	November	December	Year to date		No.
							1968	1967	
				Mcf.					
							22,460,450	24,304,683	1a
							270,279,589	227,382,176	1b
							46,436,515	41,368,555	2a
							39,864,260	41,328,277	2b
							379,040,814	334,383,691	3
							22,062,609	13,176,999	4
							238,942	38,100	5
							401,342,365	347,598,790	6
							31,290,382	29,561,044	7
							432,632,747	377,159,834	9
							21,917,830	17,617,189	11
							172,130,191	165,585,249	12
							626,680,768	560,362,272	13
							96,627,022	90,716,221	20
							99,750,983	87,992,146	21
							58,582,307	53,751,597	22
							254,960,312	232,459,964	30
							153,884,535	128,687,183	31
							2,385,165	428,521	32
							411,230,012	361,575,668	33
							3,003,790	2,194,495	34
							1,228,511	- 73,042	35
							16,982,672	14,592,361	36
							187,762	- 1,129,648	37
							432,632,747	377,159,834	39
							134,068,448	119,712,862	40
							59,979,573	63,489,576	41
							626,680,768	560,362,272	42
									49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

March 1968

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	6,204,726	292,938	-	6,497,664
1b	Processing plants .....	-	-	-	-	71,682,160	18,954,134	-	90,636,294
2	By distribution systems:								
2a	Fields .....	13,504	12,982	1,418,183	4,422,273	8,455,743	-	-	14,322,685
2b	Processing plants .....	-	-	-	-	12,122,179	91,323	-	12,213,502
3	Total (1 + 2) .....	13,504	12,982	1,418,183	4,422,273	98,464,808	19,338,395	-	123,670,145
4	Imports .....	-	-	-	-	-	-	9,259,754	9,259,754
5	Other receipts(1) .....	-	-	40	-	59,158	-	-	59,198
6	Total net receipts (3 + 4 + 5) .....	13,504	12,982	1,418,223	4,422,273	98,523,966	19,338,395	9,259,754	132,989,097
7	Received from storage .....	-	-	3,154,171	462,523	52,875	-	-	3,669,569
9	Total supply of gas utilities (6 + 7) .....	13,504	12,982	4,572,394	4,884,796	98,576,841	19,338,395	9,259,754	136,658,666
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	944,260	7,248,452	-	8,192,712
24	Alberta .....	-	-	-	-	18,522,754	-	9,425	18,532,179
25	Saskatchewan .....	-	-	-	5,246,919	3,144,127	-	-	8,391,046
26	Manitoba .....	-	-	-	-	5,646,853	-	-	5,646,853
27	Ontario .....	-	-	5,800,379	-	19,001,835	-	9,250,215	34,052,429
28	Quebec .....	-	12,982	-	-	3,660,435	-	-	3,673,417
29	New Brunswick .....	7,263	-	-	-	-	-	-	7,263
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	7,263	12,982	5,800,379	5,246,919	50,920,264	7,248,452	9,259,640	78,495,899
31	Exports .....	-	-	-	-	41,208,506	11,312,503	-	52,521,009
32	Other deliveries .....	-	-	-	-	1,183,090	-	-	1,183,090
33	Total net deliveries (30 + 31 + 32) .....	7,263	12,982	5,800,379	5,246,919	93,311,860	18,560,955	9,259,640	132,199,998
34	Delivered to storage .....	-	-	-	373,003	2,278,495	-	-	2,651,498
35	Line pack fluctuation .....	-	-	-	- 5,620	- 17,714	761,997	-	738,663
36	Gas used in system .....	-	-	33,276	167,440	4,607,673	- 45,972	-	4,762,417
37	Line losses and unaccounted for .....	6,241	-	1,261,261	- 896,946	- 1,603,473	61,415	114	- 3,693,910
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	13,504	12,982	4,572,394	4,884,796	98,576,841	19,338,395	9,259,754	136,658,666

(1) Includes peak shaving and enrichment.

TABLE 4. Operating Statistics: Natural Gas Utilities

March 1968

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
March 1968:			
Daily average .....	3,142,533	2,532,125	4,350,183
Maximum(1) .....	3,458,215	...	...
Minimum(1) .....	2,991,398	...	...
Exports maximum(1) .....	1,769,014	...	...
March 1967:			
Daily average .....	2,682,472	2,489,660	3,978,833
Maximum(1) .....	3,012,767	...	...
Minimum(1) .....	2,714,406	...	...
Year to date 1968:			
Daily average .....	3,164,318	2,801,762	4,552,020
Maximum(1) .....	3,494,251	...	...
Minimum(1) .....	2,991,398	...	...
Commodity miles:			
Mcf. miles (thousands) .....	80,898,235	..	..
Ton-miles (millions) .....	1,844	..	..
Line pack:			
Beginning of month (Mcf.) .....	8,450,282	..	..
End of month (Mcf.) .....	8,410,990	..	..
Operating revenues .....	..	56,104,565	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

March 1968

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	30,739	145,829
Deliveries to ultimate customers .....	32,111	112,237
Line pack fluctuations .....	-	275
Gas used in system .....	-	51
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 1,372	33,266
Total disposition .....	30,739	145,829
Daily average sendout .....	959	4,704
Revenues .....	32,539	191,540

TABLE 6. Sales of Natural Gas

No.		March 1968			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
<b>Residential:</b>					
1	New Brunswick .....	130	1,905	4,416	14,426
2	Quebec .....	94,333	204,191	1,399,512	2,579,070
3	Ontario .....	547,752	679,861	13,760,748	16,232,931
4	Manitoba .....	94,546	102,431	2,414,987	2,085,283
5	Saskatchewan .....	111,906	117,373	2,447,114	1,723,920
6	Alberta .....	249,420	252,100	5,304,693	2,776,691
7	British Columbia .....	169,971	189,760	2,511,024	3,632,729
8	Canada .....	1,268,058	1,547,621	27,842,494	29,045,050
<b>Industrial:</b>					
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,257	1,665,298	1,083,638
11	Ontario .....		7,455	13,148,862	7,947,750
12	Manitoba .....		302	1,536,537	548,998
13	Saskatchewan .....		611	4,296,799	1,182,620
14	Alberta .....		567	8,892,913	1,676,324
15	British Columbia .....		269	4,233,825	1,761,961
16	Canada .....		11,461	33,774,234	14,111,291
17	Firm .....		1,172	23,594,456	10,572,922
18	Interruptible .....		10,289	10,179,778	3,538,369
<b>Commercial:</b>					
19	New Brunswick .....		60	2,847	5,591
20	Quebec .....		10,294	608,607	760,676
21	Ontario .....		60,653	7,142,819	6,841,202
22	Manitoba .....		9,258	1,695,329	1,153,293
23	Saskatchewan .....		16,073	1,647,133	869,061
24	Alberta .....		28,280	4,334,573	1,682,573
25	British Columbia .....		24,622	1,447,863	1,635,828
26	Canada .....		149,240	16,879,171	12,948,224
<b>Total sales:</b>					
27	New Brunswick .....		1,965	7,263	20,017
28	Quebec .....		216,742	3,673,417	4,423,384
29	Ontario .....		747,969	34,052,429	31,021,883
30	Manitoba .....		111,991	5,646,853	3,697,574
31	Saskatchewan .....		134,057	8,391,046	3,775,601
32	Alberta .....		280,947	18,532,179	6,135,588
33	British Columbia .....		214,651	8,192,712	7,030,518
34	Canada .....		1,708,322	78,495,899	56,104,565

... Figures not appropriate or not applicable.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		March 1968		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	12,641	63,260	120,530
2	Industrial .....	7	293	591
3	Commercial .....	2,561	48,684	70,419
4	Total .....	15,209	112,237	191,540

TABLE 6. Sales of Natural Gas

		March 1967				
Sales per customer Mcf.	Revenue per Mcf. \$	Customers		Gas sold Mcf.	Revenue \$	No.
		Space heating No.	Total			
2.3	3.27	100	1,981	4,596	14,511	1
6.9	1.84	88,153	204,697	1,471,438	2,256,498	2
20.2	1.18	518,389	656,659	13,049,770	15,404,311	3
23.6	0.86	93,626	96,300	2,512,649	2,148,408	4
20.8	0.70	104,123	107,482	2,839,450	1,910,091	5
21.0	0.52	240,383	243,162	6,223,985	3,116,466	6
13.2	1.45	154,687	178,005	2,768,160	4,085,070	7
18.0	1.04	1,199,461	1,488,286	28,870,048	28,935,355	8
-	-	-	-	-	-	9
738	0.65	-	2,236	1,255,949	916,574	10
1,764	0.60	-	7,116	12,004,149	7,297,036	11
5,088	0.30	-	274	1,105,148	359,482	12
7,032	0.28	-	572	3,532,054	869,666	13
15,684	0.19	-	523	9,453,238	1,753,177	14
15,739	0.42	-	249	3,934,640	1,645,827	15
2,947	0.42	-	10,970	31,285,178	12,841,762	16
-	-	-	10,620	26,305,117	10,317,266	17
-	-	-	350	4,980,061	1,760,449	18
47.5	1.96	-	58	2,512	5,045	19
59.1	1.25	-	10,047	560,642	646,112	20
117.8	0.96	-	57,028	6,548,249	6,057,627	21
183.1	0.68	-	8,621	1,764,453	1,191,377	22
102.5	0.53	-	14,480	1,569,337	832,429	23
153.3	0.39	-	27,619	5,160,928	1,925,845	24
58.8	0.11	-	23,464	1,418,127	1,616,383	25
113.1	0.77	-	141,317	17,024,248	12,274,818	26
3.7	2.76	-	2,039	7,108	19,556	27
16.9	1.20	-	216,980	3,288,029	3,819,184	28
45.5	0.91	-	720,803	31,602,168	28,758,974	29
50.4	0.65	-	105,195	5,382,250	3,699,267	30
62.6	0.45	-	122,534	7,940,841	3,612,186	31
66.0	0.33	-	271,304	20,838,151	6,795,488	32
38.2	0.86	-	201,718	8,120,927	7,347,280	33
45.9	0.71	-	1,640,573	77,179,474	54,051,935	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

March 1968				No.
Manufactured gas				
Customers No.	Gas sold Mcf.	Revenue \$		
1,741	9,951	13,272	1	
22	10,012	5,461	2	
515	12,148	13,806	3	
2,278	32,111	32,539	4	

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	March 1968			
	Residential	Industrial	Commercial	Total
Sales:	Mcf.			
New Brunswick .....	4,416	-	2,847	7,263
Quebec .....	1,412,564	1,681,302	614,198	3,708,064
Ontario .....	13,828,776	13,225,841	7,196,966	34,251,583
Manitoba .....	2,429,212	1,538,326	1,711,019	5,678,557
Saskatchewan .....	2,460,400	4,320,128	1,656,076	8,436,604
Alberta .....	5,559,786	9,337,044	4,634,584	19,531,414
British Columbia .....	2,645,403	4,457,429	1,522,350	8,625,182
Canada .....	28,340,557	34,560,070	17,338,040	80,238,667

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	March 1968						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	138,798	398,375	10,711,271	3,303,452	40,277,935	54,829,831	160,670,820
Imports .....	-	9,313,256	-	9,575	-	9,322,831	22,259,936

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	March 1968	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	90,187	15,017



TABLE 11. Exports and Imports to and from the United States

March 1968

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	137,970	-
Ontario - Cornwall .....	395,606	-
Niagara Falls .....	-	6,527,506
Ojibway .....	-	2,722,709
Total Ontario .....	395,606	9,250,215
Manitoba - Emerson .....	10,647,387	-
Alberta - Aden .....	1,557,263	-
Carway .....	1,563,277	-
Coutts .....	180	9,539
Total Alberta .....	3,120,720	9,539
British Columbia - Kingsgate - U.S.A. District V South(1)	20,818,700	-
Other U.S.A. ....	4,928,910	-
Huntingdon .....	12,471,716	-
Total British Columbia .....	38,219,326	-
Canada - 1968 .....	52,521,009	9,259,754
1967 .....	44,865,129	4,959,517
Year to date - 1968 .....	153,884,535	22,062,500
1967 .....	128,687,183	13,176,998
Value - 1968 .....	13,861,942	5,208,146
1967 .....	10,360,696	1,383,686

(1) California, Nevada, Arizona.



CATALOGUE No.

55-002

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 10, No. 4

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

APRIL 1968

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UNIVERSITY OF TORONTO

During April, field gathering systems and processing plants delivered to gas utilities 111,703,832 Mcf. of natural gas. The transport systems accounted for 88,322,635 Mcf. and the distribution systems 23,381,197 Mcf. Natural gas imported from the U.S.A. was 8,023,099 Mcf. and the volume recovered from storage was 1,699,586 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over April 1967	Revenue \$'000	% of total revenue
Ultimate customers .....	65,315	53.8	- 1.7	42,655	76.4
Exports .....	48,403	39.8	13.3	13,154	23.6
Other uses and adjustments .....	7,759	6.4	...	...	...
Totals .....	121,477	100.0	9.7	55,809	100.0

... Figures not appropriate or applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 75.4 billion commodity (Mcf.) miles (1,719 million ton miles) during April compared with 70.4 billion (Mcf.) miles (1,604 million ton miles) last year. The daily average deliveries of gas utilities amounted to 4.0 million Mcf.

Alberta natural gas utilities receipts totalled 88.9 billion cubic feet; of this 18.4 per cent was sold to ultimate customers in Alberta, 17.2 per cent in Ontario, 3.6 per cent in Quebec, 3.2 per cent in Saskatchewan, 0.9 per cent in British Columbia and 5.1 per cent in Manitoba. Exports accounted for 42.2 per cent and the remaining 9.4 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall decrease in distributor sales and revenues during April compared to the same month for the previous year. Details are contained in the following table.

Sales category	Sales '000 Mcf.	% of total sales	% increase over April 1967	Revenue \$'000	% of sales revenue	Number of customers '000
Residential .....	19,905	30.5	- 8.1	20,831	48.8	1,548
Industrial .....	32,397	49.6	4.4	12,311	28.9	12
Commercial .....	13,013	19.9	- 5.3	9,513	22.3	149
Totals .....	65,315	100.0	- 1.7	42,655	100.0	1,709

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

July 1968  
6503-509

Manufacturing and Primary Industries Division

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1968

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	8,766	10,454	1,025,515
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	8,766	10,454	1,025,515
4	Imports .....	-	-	8,014,175
5	Other receipts(1) .....	-	-	55
6	Total net receipts (3 + 4 + 5) .....	8,766	10,454	9,039,745
7	Received from storage .....	-	-	1,538,092
9	Total supply of gas utilities (6 + 7) .....	8,766	10,454	10,577,837
	Transfers from:			
11	Other provinces .....	-	3,384,096	23,217,370
12	Distribution to transport (primary) .....	-	3,106,334	469,017
13	Other gas utilities .....	-	-	27,224,385
19	Total gross receipts (9 + 11 + 12 + 13) ...	8,766	6,500,884	61,488,609
	<u>Disposition</u>			
	Sales:			
20	Residential .....	3,693	1,376,578	8,523,601
21	Industrial .....	-	1,336,681	12,583,284
22	Commercial .....	2,266	517,407	5,023,543
30	Total sales (20 + 21 + 22) .....	5,959	3,230,666	26,130,428
31	Exports .....	-	125,064	389,320
32	Other deliveries .....	-	-	2,102
33	Total net deliveries (30 + 31 + 32) .....	5,959	3,355,730	26,521,850
34	Delivered to storage .....	-	-	4,199,014
35	Line pack fluctuation .....	-	759	- 21,117
36	Gas used in system .....	-	8,301	1,985,669
37	Line losses and unaccounted for .....	2,807	29,760	- 2,274,305
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,766	3,394,550	30,411,111
	Transfers to:			
40	Other provinces .....	-	-	3,384,096
41	Distribution by transport (primary) .....	-	3,106,334	23,878,779
42	Other gas utilities .....	-	-	3,814,623
49	Total disposition (39 + 40 + 41 + 42) .....	8,766	6,500,884	61,488,609

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1968

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	April 1967	No.
					Canada	
Mcf.						
-	-	6,517,371	269,049	6,786,420	6,263,379	1a
-	-	63,817,536	17,718,679	81,536,215	73,511,097	1b
-	3,872,788	7,378,460	-	12,295,983	10,504,251	2a
-	-	11,020,382	64,832	11,085,214	12,998,901	2b
-	3,872,788	88,733,749	18,052,560	111,703,832	103,277,628	3
-	-	8,924	-	8,023,099	5,602,094	4
48,339	-	1,203	894	50,491	917	5
48,339	3,872,788	88,743,876	18,053,454	119,777,422	108,880,639	6
-	90,867	70,627	-	1,699,586	1,890,668	7
48,339	3,963,655	88,814,503	18,053,454	121,477,008	110,771,307	9
37,006,335	40,630,594	-	25,571,717	...	...	11
-	2,796,571	1,504,618	-	7,876,540	6,211,372	12
3,807,142	2,914,366	4,989,242	7,479,033	46,414,168	49,915,357	13
40,861,816	50,305,186	95,308,363	51,104,204	175,767,716	166,898,036	19
1,635,202	1,979,243	4,455,562	1,931,534	19,905,413	21,656,133	20
1,680,918	4,542,000	8,154,241	4,099,531	32,396,655	30,728,607	21
1,214,658	1,135,555	3,779,367	1,340,319	13,013,115	14,047,669	22
4,530,778	7,656,798	16,389,170	7,371,384	65,315,183	66,432,409	30
9,479,761	-	3,029,960	35,378,626	48,402,731	42,706,590	31
-	-	257,057	-	259,159	64,200	32
14,010,539	7,656,798	19,676,187	42,750,010	113,977,073	109,203,199	33
-	456,309	130,633	-	4,785,956	2,629,153	34
- 17,060	- 44,348	- 21,561	- 122,940	- 226,267	- 92,885	35
477,325	929,576	658,358	899,045	4,958,274	4,586,542	36
- 633,500	- 1,410,421	2,168,575	99,056	- 2,018,028	- 5,554,702	37
13,837,304	7,587,914	22,612,192	43,625,171	121,477,008	110,771,307	39
23,217,370	37,006,335	66,202,311	-	...	...	40
3,807,142	2,914,366	58,270	7,327,110	41,092,001	35,610,617	41
-	2,796,571	6,435,590	151,923	13,198,707	20,516,112	42
40,861,816	50,305,186	95,308,363	51,104,204	175,767,716	166,898,036	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,488,859	7,473,927	6,497,664	6,786,420	
1b	Processing plants .....	92,137,690	87,505,605	90,636,294	81,536,215	
2	By distribution systems:					
2a	Fields .....	15,907,600	16,206,230	14,322,685	12,295,983	
2b	Processing plants .....	15,012,573	12,638,185	12,213,502	11,085,214	
3	Total (1 + 2) .....	131,546,722	123,823,947	123,670,145	111,703,832	
4	Imports .....	6,173,198	6,629,657	9,259,754	8,023,099	
5	Other receipts(1) .....	76,688	103,056	59,198	50,491	
6	Total net receipts (3 + 4 + 5) .....	137,796,608	130,556,660	132,989,097	119,777,422	
7	Received from storage .....	15,026,932	12,593,881	3,669,569	1,699,586	
9	Total supply of gas utilities (6 + 7) .....	152,823,540	143,150,541	136,658,666	121,477,008	
	Transfers from:					
11	Other provinces .....	...	...	...	...	
12	Distribution to transport (primary) .....	8,795,580	8,311,240	4,811,010	7,876,540	
13	Other gas utilities .....	58,989,428	55,926,797	57,213,966	46,414,168	
19	Total gross receipts (9 + 11 + 12 + 13) ...	220,608,548	207,388,578	198,683,642	175,767,716	
	<u>Disposition</u>					
	Sales:					
20	Residential .....	36,331,980	32,452,548	27,842,494	19,905,413	
21	Industrial .....	32,916,942	33,059,807	33,774,234	32,396,655	
22	Commercial .....	22,129,036	19,574,100	16,879,171	13,013,115	
30	Total sales (20 + 21 + 22) .....	91,377,958	85,086,455	78,495,899	65,315,183	
31	Exports .....	52,092,912	49,270,614	52,521,009	48,402,731	
32	Other deliveries .....	123,294	1,074,591	1,187,280	259,159	
33	Total net deliveries (30 + 31 + 32) .....	143,594,164	135,431,660	132,204,188	113,977,073	
34	Delivered to storage .....	176,929	175,363	2,651,498	4,785,956	
35	Line pack fluctuation .....	547,540	- 57,692	738,663	- 226,267	
36	Gas used in system .....	6,386,066	5,834,189	4,762,417	4,958,274	
37	Line losses and unaccounted for .....	2,118,841	1,767,021	- 3,698,100	- 2,018,028	
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	152,823,540	143,150,541	136,658,666	121,477,008	
	Transfers to:					
40	Other provinces .....	...	...	...	...	
41	Distribution by transport (primary) .....	45,820,006	43,350,902	44,897,540	41,092,001	
42	Other gas utilities .....	21,965,002	20,887,135	17,127,436	13,198,707	
49	Total disposition (39 + 40 + 41 + 42) .....	220,608,548	207,388,578	198,683,642	175,767,716	

(1) Includes peak shaving and enrichment.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

June	July	August	September	October	November	December	Year to date		No.
							1968	1967	
				Mcf.					
							29,246,870	30,568,062	1a
							351,815,804	300,893,273	1b
							58,732,498	51,872,806	2a
							50,949,474	54,327,178	2b
							490,744,646	437,661,319	3
							30,085,708	18,779,093	4
							289,433	39,017	5
							521,119,787	456,479,429	6
							82,989,968	31,451,712	7
							554,109,755	487,931,141	9
							...	...	11
							29,794,370	23,828,561	12
							218,544,359	215,500,606	13
							802,448,484	727,260,308	19
							116,532,435	112,372,354	20
							132,147,638	118,720,753	21
							71,595,422	67,799,266	22
							320,275,495	298,892,373	30
							202,287,266	171,393,773	31
							2,644,324	492,721	32
							525,207,085	470,778,867	33
							7,789,746	4,823,648	34
							1,002,244	- 165,927	35
							21,940,946	19,178,903	36
							- 1,830,266	- 6,684,350	37
							554,109,755	487,931,141	39
							...	...	40
							175,160,449	155,323,479	41
							73,178,280	84,005,688	42
							802,448,484	727,260,308	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

April 1968

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	6,517,371	269,049	-	6,786,420
1b	Processing plants .....	-	-	-	-	63,817,536	17,718,679	-	81,536,215
2	By distribution systems:								
2a	Fields .....	8,766	10,454	1,025,515	3,872,788	7,378,460	-	-	12,295,983
2b	Processing plants .....	-	-	-	-	11,020,382	64,832	-	11,085,214
3	Total (1 + 2) .....	8,766	10,454	1,025,515	3,872,788	88,733,749	18,052,560	-	111,703,832
4	Imports .....	-	-	-	-	-	-	8,023,099	8,023,099
5	Other receipts(1) .....	-	-	55	-	49,542	894	-	50,491
6	Total net receipts (3 + 4 + 5) .....	8,766	10,454	1,025,570	3,872,788	88,783,291	18,053,454	8,023,099	119,777,422
7	Received from storage .....	-	-	1,538,092	90,867	70,627	-	-	1,699,586
9	Total supply of gas utilities (6 + 7) .....	8,766	10,454	2,563,662	3,963,655	88,853,918	18,053,454	8,023,099	121,477,008
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	833,498	6,537,886	-	7,371,384
24	Alberta .....	-	-	-	-	16,379,658	-	9,512	16,389,170
25	Saskatchewan .....	-	-	-	4,839,122	2,817,676	-	-	7,656,798
26	Manitoba .....	-	-	-	-	4,530,778	-	-	4,530,778
27	Ontario .....	-	-	2,838,626	-	15,277,627	-	8,014,175	26,130,428
28	Quebec .....	-	10,454	-	-	3,220,212	-	-	3,230,666
29	New Brunswick .....	5,959	-	-	-	-	-	-	5,959
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	5,959	10,454	2,838,626	4,839,122	43,059,449	6,537,886	8,023,687	65,315,183
31	Exports .....	-	-	-	-	37,510,300	10,892,431	-	48,402,731
32	Other deliveries .....	-	-	-	-	259,159	-	-	259,159
33	Total net deliveries (30 + 31 + 32) .....	5,959	10,454	2,838,626	4,839,122	80,828,908	17,430,317	8,023,687	113,977,073
34	Delivered to storage .....	-	-	-	456,309	4,329,647	-	-	4,785,956
35	Line pack fluctuation .....	-	-	-	29,578	- 132,930	- 122,915	-	- 226,267
36	Gas used in system .....	-	-	26,438	140,908	4,090,179	700,749	-	4,958,274
37	Line losses and unaccounted for .....	2,807	-	- 301,402	-1,502,262	- 261,886	45,303	- 588	- 2,018,028
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,766	10,454	2,563,662	3,963,655	88,853,918	18,053,454	8,023,099	121,477,008

(1) Includes peak shaving and enrichment.

TABLE 4. Operating Statistics: Natural Gas Utilities

April 1968

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
April 1968:			
Daily average .....	2,983,157	2,177,172	3,958,767
Maximum(1) .....	3,346,767	...	...
Minimum(1) .....	2,663,949	...	...
Exports maximum(1) .....	1,779,440	...	...
April 1967:			
Daily average .....	2,610,574	2,214,414	3,727,744
Maximum(1) .....	2,911,817	...	...
Minimum(1) .....	2,570,425	...	...
Year to date 1968			
Daily average .....	3,119,403	2,646,905	4,404,932
Maximum(1) .....	3,494,251	..	..
Minimum(1) .....	2,663,949	..	..
Commodity miles:			
Mcf. miles (thousands) .....	75,382,847	..	..
Ton-miles (millions) .....	1,719	..	..
Line pack:			
Beginning of month (Mcf.) .....	8,410,990	..	..
End of month (Mcf.) .....	8,156,485	..	..
Operating revenues .....	..	42,655,448	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

April 1968

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	36,666	106,440
Deliveries to ultimate customers .....	33,226	107,801
Line pack fluctuations .....	-	59
Gas used in system .....	-	46
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	3,440	- 1,466
Total disposition .....	36,666	106,440
Daily average sendout .....	1,222	3,548
Revenues .....	27,910	191,177

TABLE 6. Sales of Natural Gas

No.		April 1968			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	130	1,893	3,693	12,577
2	Quebec .....	94,311	203,426	1,376,578	2,241,796
3	Ontario .....	548,835	679,572	8,523,601	10,426,254
4	Manitoba .....	100,025	102,541	1,635,202	1,455,604
5	Saskatchewan .....	112,175	117,654	1,979,243	1,473,898
6	Alberta .....	249,697	252,373	4,455,562	2,408,411
7	British Columbia .....	169,866	190,466	1,931,534	2,812,305
8	Canada .....	1,275,039	1,547,925	19,905,413	20,830,845
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,241	1,336,681	419,460
11	Ontario .....		7,444	12,583,284	7,106,214
12	Manitoba .....		295	1,680,918	481,858
13	Saskatchewan .....		608	4,542,000	1,038,404
14	Alberta .....		563	8,154,241	1,557,992
15	British Columbia .....		274	4,099,531	1,706,783
16	Canada .....		11,425	32,396,655	12,310,711
17	Firm .....		10,258	20,832,108	8,625,581
18	Interruptible .....		1,167	11,564,547	3,685,130
	Commercial:				
19	New Brunswick .....		60	2,266	4,780
20	Quebec .....		10,215	517,407	627,675
21	Ontario .....		60,690	5,023,543	4,407,731
22	Manitoba .....		9,247	1,214,658	855,275
23	Saskatchewan .....		16,099	1,135,555	625,435
24	Alberta .....		28,279	3,779,367	1,442,888
25	British Columbia .....		24,619	1,340,319	1,550,108
26	Canada .....		149,209	13,013,115	9,513,892
	Total sales:				
27	New Brunswick .....		1,953	5,959	17,357
28	Quebec .....		215,882	3,230,666	3,288,931
29	Ontario .....		747,706	26,130,428	21,940,199
30	Manitoba .....		112,083	4,530,778	2,792,737
31	Saskatchewan .....		134,361	7,656,798	3,137,737
32	Alberta .....		281,215	16,389,170	5,409,291
33	British Columbia .....		215,359	7,371,384	6,069,196
34	Canada .....		1,708,559	65,315,183	42,655,448

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		April 1968		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	13,883	63,234	129,923
2	Industrial .....	7	302	610
3	Commercial .....	2,549	44,265	60,644
4	Total .....	16,439	107,801	191,177

TABLE 6. Sales of Natural Gas

		April 1967					
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.	
		Space heating	Total				
Mcf.	\$	No.		Mcf.	\$		
2.0	3.41	100	1,980	4,274	14,053	1	
6.8	1.63	88,201	203,982	974,004	1,604,781	2	
12.5	1.22	503,595	657,511	9,278,143	11,209,952	3	
15.9	0.89	93,863	96,514	1,752,068	1,545,390	4	
16.8	0.74	104,775	109,101	2,349,185	1,644,148	5	
17.7	0.54	240,823	243,560	5,424,986	3,002,326	6	
10.1	1.46	158,008	178,488	1,873,473	2,713,518	7	
12.9	1.05	1,189,365	1,491,136	21,656,133	21,734,168	8	
-	-	-	-	-	-	9	
596	0.31	-	2,240	1,253,590	829,198	10	
1,690	0.56	-	7,137	11,843,985	6,761,294	11	
5,698	0.29	-	278	1,132,710	379,609	12	
7,470	0.23	-	571	3,702,422	936,374	13	
14,484	0.19	-	538	8,910,081	1,635,539	14	
14,962	0.41	-	259	4,197,327	1,720,226	15	
2,836	0.38	-	11,023	31,040,115	12,262,240	16	
-	-	-	10,665	25,631,792	10,169,540	17	
-	-	-	358	5,408,323	2,041,280	18	
37.8	2.11	-	59	2,271	5,011	19	
50.7	1.21	-	10,059	497,763	545,821	20	
82.8	0.88	-	57,160	4,933,397	4,592,731	21	
131.4	0.70	-	8,654	1,304,460	908,563	22	
70.5	0.55	-	14,881	1,356,129	723,310	23	
133.6	0.38	-	27,494	4,340,647	1,693,124	24	
54.4	1.12	-	23,605	1,301,494	1,473,870	25	
87.2	0.73	-	141,912	13,736,161	9,942,430	26	
3.1	2.91	-	2,039	6,545	19,064	27	
15.0	1.02	-	216,281	2,725,357	2,979,800	28	
34.9	0.84	-	721,808	26,055,525	22,563,977	29	
40.4	0.62	-	105,446	4,189,238	2,833,562	30	
57.0	0.41	-	124,553	7,407,736	3,303,832	31	
58.3	0.33	-	271,592	18,675,714	6,330,989	32	
34.2	0.82	-	202,352	7,372,294	5,907,614	33	
38.2	0.65	-	1,644,071	66,432,409	43,938,838	34	

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

April 1968				No.
Manufactured gas				
Customers No.	Gas sold Mcf.	Revenue \$		
1,736	6,999	8,742	1	
21	15,365	6,744	2	
507	10,862	12,424	3	
2,264	33,226	27,910	4	

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	April 1968			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	4,456	-	2,734	7,190
Quebec .....	1,389,965	1,349,471	522,367	3,261,803
Ontario .....	8,849,024	13,516,242	5,506,445	27,871,711
Manitoba .....	1,650,600	1,691,876	1,225,968	4,568,444
Saskatchewan .....	1,989,989	4,566,660	1,141,720	7,698,369
Alberta .....	4,728,024	8,406,654	4,034,191	17,168,869
British Columbia .....	2,024,917	4,297,876	1,404,541	7,727,334
Canada .....	20,636,975	33,828,779	13,837,966	68,303,720

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	April 1968						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	126,065	392,435	9,546,119	3,051,745	37,246,875	50,363,239	211,034,059
Imports .....	-	8,097,965	-	3,690	-	8,101,655	30,361,591

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	April 1968	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	89,387	15,679



TABLE 11. Exports and Imports to and from the United States

April 1968

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	125,064	-
Ontario - Cornwall .....	389,320	-
Niagara Falls .....	-	5,854,705
Ojibway .....	-	2,159,470
Total Ontario .....	389,320	8,014,175
Manitoba - Emerson .....	9,479,761	-
Alberta - Aden .....	1,525,293	-
Carway .....	1,504,642	-
Coutts .....	25	8,924
Total Alberta .....	3,029,960	8,924
British Columbia - Kingsgate - U.S.A. District V South(1)	19,905,925	-
Other U.S.A. ....	3,473,134	-
Huntingdon .....	11,999,567	-
Total British Columbia .....	35,378,626	-
Canada - 1968 .....	48,402,731	8,023,099
1967 .....	42,706,590	5,602,094
Year to date - 1968 .....	202,287,266	30,085,708
1967 .....	171,393,773	18,779,092
Value - 1968 .....	13,153,800	3,667,093
1967 .....	10,314,212	2,484,343

(1) California, Nevada, Arizona.



CATALOGUE No.

55-002

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 10, No. 5

GAS UTILITIES  
(Transport and Distribution Systems)

MAY 1968

Price: 20 cents, \$2.00 a year

SEP 11 1968

UNIVERSITY OF TORONTO

During May field gathering systems and processing plants delivered to gas utilities 106,874,758 Mcf. of natural gas. The transport systems accounted for 85,597,479 Mcf. and the distribution systems 21,277,279 Mcf. Natural gas imported from the U.S.A. was 7,772,695 Mcf. and the volume recovered from storage was 463,232 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over May 1967	Revenue \$'000	% of total revenue
Ultimate customers .....	58,070	50.4	3.4	36,004	73.6
Exports .....	47,995	41.7	11.3	12,904	26.4
Other uses and adjustments .....	9,055	7.9	...	...	...
Totals .....	115,120	100.0	11.4	48,908	100.0

... Figures not appropriate or applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 74.3 billion commodity (Mcf.) miles (1,693 million ton miles) during May compared with 70.5 billion (Mcf.) miles (1,606 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.6 million Mcf.

Alberta natural gas utilities receipts totalled 85.2 billion cubic feet; of this 17.3 per cent was sold to ultimate customers in Alberta, 16.6 per cent in Ontario, 3.9 per cent in Quebec, 2.1 per cent in Saskatchewan, 1.0 per cent in British Columbia and 4.0 per cent in Manitoba. Exports accounted for 44.1 per cent and the remaining 11.0 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during May compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales '000 Mcf.	% of total sales	% increase over May 1967	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	13,524	23.3	- 12.4	15,299	42.5	1,549
Industrial .....	34,945	60.2	14.2	13,417	37.3	11
Commercial .....	9,601	16.5	- 5.0	7,288	20.2	150
Totals .....	58,070	100.0	3.4	36,004	100.0	1,710

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

August 1968  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

May 1968

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	8,290	16,609	913,980
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	8,290	16,609	913,980
4	Imports .....	-	-	7,766,833
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	8,290	16,609	8,680,813
7	Received from storage .....	-	-	432,378
9	Total supply of gas utilities (6 + 7) .....	8,290	16,609	9,113,191
	Transfers from:			
11	Other provinces .....	-	3,496,463	23,603,217
12	Distribution to transport (primary) .....	-	-	600,954
13	Other gas utilities .....	-	3,097,582	26,776,151
19	Total gross receipts (9 + 11 + 12 + 13) ...	8,290	6,610,654	60,093,513
	<u>Disposition</u>			
	Sales:			
20	Residential .....	3,499	459,798	6,022,220
21	Industrial .....	-	2,546,332	13,548,101
22	Commercial .....	1,751	347,595	3,872,012
30	Total sales (20 + 21 + 22) .....	5,250	3,353,725	23,442,333
31	Exports .....	-	108,650	372,368
32	Other deliveries .....	-	-	938
33	Total net deliveries (30 + 31 + 32) .....	5,250	3,462,375	23,815,639
34	Delivered to storage .....	-	-	4,737,764
35	Line pack fluctuation .....	-	200	- 12,825
36	Gas used in system .....	-	4,518	1,975,351
37	Line losses and unaccounted for .....	3,040	45,979	- 1,295,984
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,290	3,513,072	29,219,945
	Transfers to:			
40	Other provinces .....	-	-	3,496,463
41	Distribution by transport (primary) .....	-	3,097,582	24,418,130
42	Other gas utilities .....	-	-	2,958,975
49	Total disposition (39 + 40 + 41 + 42) .....	8,290	6,610,654	60,093,513

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

May 1968

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	May 1967	No.
					Canada	
Mcf.						
-	-	4,673,864	268,063	4,941,927	5,808,365	1a
-	-	64,021,147	16,634,405	80,655,552	71,211,152	1b
-	3,863,267	6,578,016	-	11,380,162	8,419,238	2a
-	-	9,855,321	41,796	9,897,117	11,661,978	2b
-	3,863,267	85,128,348	16,944,264	106,874,758	97,100,733	3
-	-	5,862	-	7,772,695	4,984,144	4
8,125	-	672	1,016	9,813	2,191	5
8,125	3,863,267	85,134,882	16,945,280	114,657,266	102,087,068	6
-	1,482	29,372	-	463,232	1,257,866	7
8,125	3,864,749	85,164,254	16,945,280	115,120,498	103,344,934	9
36,586,860	39,343,704	-	25,518,416	...	...	11
-	2,568,378	1,545,152	-	4,714,484	3,645,768	12
3,009,509	2,202,347	4,766,432	6,645,705	46,497,726	43,633,445	13
39,604,494	47,979,178	91,475,838	49,109,401	166,332,708	150,624,147	19
1,071,799	1,482,956	3,364,041	1,120,105	13,524,418	15,438,552	20
1,530,011	4,148,263	8,531,020	4,640,816	34,944,543	30,586,654	21
800,673	706,651	2,830,446	1,042,091	9,601,219	10,106,264	22
3,402,483	6,337,870	14,725,507	6,803,012	58,070,180	56,131,470	30
9,416,282	-	3,078,256	35,019,414	47,994,970	43,111,952	31
-	-	47,873	-	48,811	44,130	32
12,818,765	6,337,870	17,851,636	41,822,426	106,113,961	99,287,552	33
-	378,716	266,648	-	5,383,128	4,795,844	34
- 4,226	- 46,486	- 63,566	30,177	- 96,726	- 481,628	35
478,239	922,163	724,838	773,017	4,878,126	4,312,395	36
- 301,010	- 970,670	1,522,578	- 161,924	- 1,157,991	- 4,569,229	37
12,991,768	6,621,593	20,302,134	42,463,696	115,120,498	103,344,934	39
23,603,217	36,586,860	64,862,120	-	...	...	40
3,009,509	2,202,347	48,893	6,530,888	39,307,349	32,266,247	41
-	2,568,378	6,262,691	114,817	11,904,861	15,012,966	42
39,604,494	47,979,178	91,475,838	49,109,401	166,332,708	150,624,147	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,488,859	7,473,927	6,497,664	6,786,420	4,941,927
1b	Processing plants .....	92,137,690	87,505,605	90,636,294	81,536,215	80,655,552
2	By distribution systems:					
2a	Fields .....	15,907,600	16,206,230	14,322,685	12,295,983	11,380,162
2b	Processing plants .....	15,012,573	12,638,185	12,213,502	11,085,214	9,897,117
3	Total (1 + 2) .....	131,546,722	123,823,947	123,670,145	111,703,832	106,874,758
4	Imports .....	6,173,198	6,629,657	9,259,754	8,023,099	7,772,695
5	Other receipts(1) .....	76,688	103,056	59,198	50,491	9,813
6	Total net receipts (3 + 4 + 5) .....	137,796,608	130,556,660	132,989,097	119,777,422	114,657,266
7	Received from storage .....	15,026,932	12,593,881	3,669,569	1,699,586	463,232
9	Total supply of gas utilities (6 + 7) .....	152,823,540	143,150,541	136,658,666	121,477,008	115,120,498
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	8,795,580	8,311,240	4,811,010	7,876,540	4,714,484
13	Other gas utilities .....	58,989,428	55,926,797	57,213,966	46,414,168	46,497,726
19	Total gross receipts (9 + 11 + 12 + 13) ...	220,608,548	207,388,578	198,683,642	175,767,716	166,332,708
	<u>Disposition</u>					
	Sales:					
20	Residential .....	36,331,980	32,452,548	27,842,494	19,905,413	13,524,418
21	Industrial .....	32,916,942	33,059,807	33,774,234	32,396,655	34,944,543
22	Commercial .....	22,129,036	19,574,100	16,879,171	13,013,115	9,601,219
30	Total sales (20 + 21 + 22) .....	91,377,958	85,086,455	78,495,899	65,315,183	58,070,180
31	Exports .....	52,092,912	49,270,614	52,521,009	48,402,731	47,994,970
32	Other deliveries .....	123,294	1,074,591	1,187,280	259,159	48,811
33	Total net deliveries (30 + 31 + 32) .....	143,594,164	135,431,660	132,204,188	113,977,073	106,113,961
34	Delivered to storage .....	176,929	175,363	2,651,498	4,785,956	5,383,128
35	Line pack fluctuation .....	547,540	- 57,692	738,663	- 226,267	- 96,726
36	Gas used in system .....	6,386,066	5,834,189	4,762,417	4,958,274	4,878,126
37	Line losses and unaccounted for .....	2,118,841	1,767,021	- 3,698,100	- 2,018,028	- 1,157,991
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	152,823,540	143,150,541	136,658,666	121,477,008	115,120,498
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	45,820,006	43,350,902	44,897,540	41,092,001	39,307,349
42	Other gas utilities .....	21,965,002	20,887,135	17,127,436	13,198,707	11,904,861
49	Total disposition (39 + 40 + 41 + 42) .....	220,608,548	207,388,578	198,683,642	175,767,716	166,332,708

(1) Includes peak shaving and enrichment.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

June	July	August	September	October	November	December	Year to date		No.
							1968	1967	
				Mcf.					
							34,188,797 432,471,356	36,376,427 372,104,425	1a 1b
							70,112,660 60,846,591	61,710,970 65,989,156	2a 2b
							597,619,404	536,180,978	3
							37,858,403 299,246	23,763,237 41,208	4 5
							635,777,053	559,985,423	6
							33,453,200	31,290,652	7
							669,230,253	591,276,075	9
							...	...	11
							34,508,854 265,042,085	27,474,329 259,134,051	12 13
							968,781,192	877,884,455	19
							130,056,853 167,092,181 81,196,641	127,810,906 149,307,407 77,905,530	20 21 22
							378,345,675	355,023,843	30
							250,282,236 2,693,135	214,505,725 536,851	31 32
							631,321,046	570,066,419	33
							13,172,874 905,518	9,619,492 - 647,555	34 35
							26,819,072 - 2,988,257	23,491,298 11,253,579	36 37
							669,230,253	591,276,075	39
							...	...	40
							214,467,798 85,083,141	187,589,726 99,018,654	41 42
							968,781,192	877,884,455	49

.. Figures not appropriate or not applicable.  
 r Revised figure.

TABLE 3. Receipts and Disposition of Natural Gas by Source

May 1968

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	4,673,864	268,063	-	4,941,927
1b	Processing plants .....	-	-	-	-	64,021,147	16,634,405	-	80,655,552
2	By distribution systems:								
2a	Fields .....	8,290	16,609	913,980	3,863,267	6,578,016	-	-	11,380,162
2b	Processing plants .....	-	-	-	-	9,855,321	41,796	-	9,897,117
3	Total (1 + 2) .....	8,290	16,609	913,980	3,863,267	85,128,348	16,944,264	-	106,874,758
4	Imports .....	-	-	-	-	-	-	7,772,695	7,772,695
5	Other receipts(1) .....	-	-	-	-	8,797	1,016	-	9,813
6	Total net receipts (3 + 4 + 5) .....	8,290	16,609	913,980	3,863,267	85,137,145	16,945,280	7,772,695	114,657,266
7	Received from storage .....	-	-	432,378	1,482	29,372	-	-	463,232
9	Total supply of gas utilities (6 + 7) .....	8,290	16,609	1,346,358	3,864,749	85,166,517	16,945,280	7,772,695	115,120,498
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	862,820	5,940,192	-	6,803,012
24	Alberta .....	-	-	-	-	14,719,771	-	5,736	14,725,507
25	Saskatchewan .....	-	-	-	4,528,510	1,809,360	-	-	6,337,870
26	Manitoba .....	-	-	-	-	3,402,483	-	-	3,402,483
27	Ontario .....	-	-	1,531,992	-	14,143,508	-	7,766,833	23,442,333
28	Quebec .....	-	16,609	-	-	3,337,116	-	-	3,353,725
29	New Brunswick .....	5,250	-	-	-	-	-	-	5,250
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	5,250	16,609	1,531,992	4,528,510	38,275,058	5,940,192	7,772,569	58,070,180
31	Exports .....	-	-	-	-	37,516,431	10,478,539	-	47,994,970
32	Other deliveries .....	-	-	-	-	48,811	-	-	48,811
33	Total net deliveries (30 + 31 + 32) .....	5,250	16,609	1,531,992	4,528,510	75,840,300	16,418,731	7,772,569	106,113,961
34	Delivered to storage .....	-	-	-	378,716	5,004,412	-	-	5,383,128
35	Line pack fluctuation .....	-	-	-	- 28,174	- 109,942	41,390	-	- 96,726
36	Gas used in system .....	-	-	24,826	130,371	4,123,861	599,068	-	4,878,126
37	Line losses and unaccounted for .....	3,040	-	- 210,460	-1,144,674	307,886	- 113,909	126	- 1,157,991
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,290	16,609	1,346,358	3,864,749	85,166,517	16,945,280	7,772,695	115,120,498

(1) Includes peak shaving and enrichment.

TABLE 4. Operating Statistics: Natural Gas Utilities

May 1968

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
May 1968:			
Daily average .....	2,816,203	1,873,231	3,596,680
Maximum(1) .....	3,157,619	...	...
Minimum(1) .....	2,098,891	...	...
Exports maximum(1) .....	1,694,682	...	...
May 1967:			
Daily average .....	2,431,554	1,810,693	3,357,529
Maximum(1) .....	2,863,424	...	...
Minimum(1) .....	2,262,271	...	...
Year to date 1968:			
Daily average .....	3,057,566	2,489,116	4,240,092
Maximum(1) .....	3,494,251	..	..
Minimum(1) .....	2,098,891	..	..
Commodity miles:			
Mcf. miles (thousands) .....	74,267,702	..	..
Ton-miles (millions) .....	1,693	..	..
Line pack:			
Beginning of month (Mcf.) .....	8,156,485	..	..
End of month (Mcf.) .....	7,889,943	..	..
Operating revenues .....	..	36,003,827	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

May 1968

	Manufactured(1)	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	- 1,529	77,648
Deliveries to ultimate customers .....	- 8,621	75,451
Line pack fluctuations .....	-	- 2,146
Gas used in system .....	-	490
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	7,092	3,853
Total disposition .....	- 1,529	77,648
Daily average sendout .....	- 49	2,505
Revenues .....	12,852	138,183

(1) The negative entries represent adjustments from previous months.

TABLE 6. Sales of Natural Gas

No.		May 1968			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick .....	125	1,881	3,499	11,988
2	Quebec .....	93,306	201,170	459,798	1,206,799
3	Ontario .....	549,917	683,263	6,022,220	7,454,129
4	Manitoba .....	99,544	102,064	1,071,799	1,011,052
5	Saskatchewan .....	112,651	117,941	1,482,956	1,197,778
6	Alberta .....	250,733	252,713	3,364,041	1,960,689
7	British Columbia .....	170,862	190,219	1,120,105	2,456,605
8	Canada .....	1,277,138	1,549,251	13,524,418	15,299,040
	Industrial:				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,239	2,546,332	1,216,465
11	Ontario .....		7,432	13,548,101	7,243,513
12	Manitoba .....		285	1,530,011	436,928
13	Saskatchewan .....		598	4,148,263	998,242
14	Alberta .....		637	8,531,020	1,598,229
15	British Columbia .....		293	4,640,816	1,923,860
16	Canada .....		11,484	34,944,543	13,417,237
17	Firm .....		10,334	22,097,947	9,163,886
18	Interruptible .....		1,150	12,846,596	4,253,351
	Commercial:				
19	New Brunswick .....	60		1,751	3,710
20	Quebec .....	10,224		347,595	452,780
21	Ontario .....	60,946		3,872,012	3,485,659
22	Manitoba .....	9,138		800,673	593,054
23	Saskatchewan .....	16,130		706,651	429,322
24	Alberta .....	28,513		2,830,446	1,116,293
25	British Columbia .....	24,534		1,042,091	1,206,732
26	Canada .....		149,545	9,601,219	7,287,550
	Total sales:				
27	New Brunswick .....		1,941	5,250	15,698
28	Quebec .....		213,633	3,353,725	2,876,044
29	Ontario .....		751,641	23,442,333	18,183,301
30	Manitoba .....		111,487	3,402,483	2,041,034
31	Saskatchewan .....		134,669	6,337,870	2,625,342
32	Alberta .....		281,863	14,725,507	4,675,211
33	British Columbia .....		215,046	6,803,012	5,587,197
34	Canada .....		1,710,280	58,070,180	36,003,827

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		May 1968		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	13,376	40,606	89,288
2	Industrial .....	7	375	758
3	Commercial .....	2,544	34,470	48,137
4	Total .....	15,927	75,451	138,183

TABLE 6. Sales of Natural Gas

		May 1967				
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.9	3.43	100	1,966	3,406	11,809	1
2.3	2.62	87,989	202,720	829,692	1,412,031	2
8.3	1.24	501,921	657,388	6,589,896	8,067,544	3
10.5	0.94	93,945	96,586	1,314,307	1,194,724	4
12.6	0.81	107,095	111,509	1,744,973	1,320,372	5
13.3	0.58	204,904	243,418	3,801,106	2,130,786	6
5.9	2.19	158,849	179,111	1,155,172	1,696,418	7
8.7	1.13	1,190,803	1,492,698	15,438,552	15,833,684	8
-	-	-	-	-	-	9
1,137	0.48		2,254	1,509,810	903,673	10
1,823	0.53		7,174	12,038,016	6,593,514	11
5,368	0.29		280	1,112,185	347,206	12
6,937	0.24		574	3,323,378	837,209	13
13,392	0.19		792	8,918,478	1,657,123	14
15,839	0.41		278	3,684,787	1,512,276	15
3,043	0.38		11,352	30,586,654	11,851,001	16
			11,001	25,516,466	9,323,656	17
			351	5,070,188	2,527,345	18
29.2	2.12		60	1,600	3,752	19
34.0	1.30		10,136	376,368	412,777	20
63.5	0.90		57,016	3,796,948	3,553,109	21
87.6	0.74		8,644	958,903	690,304	22
43.8	0.61		15,183	968,342	537,593	23
99.3	0.39		26,990	3,072,197	1,194,768	24
42.5	1.16		23,553	931,906	1,077,297	25
64.2	0.76		141,582	10,106,264	7,469,600	26
2.7	2.99		2,026	5,006	15,561	27
15.7	0.86		215,110	2,715,870	2,728,481	28
31.2	0.78		721,578	22,424,860	18,214,167	29
30.5	0.60		105,510	3,385,395	2,232,234	30
47.1	0.41		127,266	6,036,693	2,695,774	31
52.2	0.32		271,200	15,791,781	4,982,677	32
31.6	0.82		202,942	5,771,865	4,285,991	33
34.0	0.62		1,645,632	56,131,470	35,154,285	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

May 1968				No.
Manufactured gas				
Customers	Gas sold (1)	Revenue		
No.	Mcf.	\$		No.
1,706	9,743	13,256		1
19	- 29,610	- 12,582		2
502	11,246	12,178		3
2,227	- 8,621	12,852		4

(1) The negative entries represent adjustments from previous months.

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	May 1968			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	4,222	-	2,113	6,335
Quebec .....	465,829	2,578,703	352,206	3,396,738
Ontario .....	7,511,151	12,252,180	3,910,432	23,673,763
Manitoba .....	1,083,369	1,540,999	810,661	3,435,029
Saskatchewan .....	1,482,956	4,148,263	706,651	6,337,870
Alberta .....	3,595,449	8,991,273	3,039,613	15,626,335
British Columbia .....	1,177,036	4,882,926	1,095,900	7,155,862
Canada .....	15,320,012	34,394,344	9,917,576	59,631,932

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	May 1968						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	109,737	376,464	9,519,861	3,101,844	36,816,257	49,924,163	260,958,222
Imports .....	-	7,865,151	-	5,884	-	7,871,035	38,232,626

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	May 1968	
	Liquefied petroleum gases	Manufactured gas(1)
	Mcf.	
Totals .....	42,774	- 5,717

(1) The negative entries represent adjustments from previous months.



TABLE 11. Exports and Imports to and from the United States

May 1968

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	108,650	-
Ontario - Cornwall .....	372,368	-
Niagara Falls .....	-	6,089,816
Ojibway .....	-	1,677,017
Total Ontario .....	372,368	7,766,833
Manitoba - Emerson .....	9,416,282	-
Alberta - Aden .....	1,533,068	-
Carway .....	1,545,152	-
Coutts .....	36	5,862
Total Alberta .....	3,078,256	5,862
British Columbia - Kingsgate - U.S.A. District V South(1)	18,839,791	-
Other U.S.A. ....	4,474,955	-
Huntingdon .....	11,704,668	-
Total British Columbia .....	35,019,414	-
Canada - 1968 .....	47,994,970	7,772,695
1967 .....	43,111,952	4,984,144
Year to date - 1968 .....	250,282,236	37,858,403
1967 .....	214,505,725	23,763,237
Value - 1968 .....	12,904,221	3,523,846
1967 .....	11,129,552	2,188,929

(1) California, Nevada, Arizona.



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 10, No. 6

Price: 20 Cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

JUNE 1968

During June field gathering systems and processing plants delivered to gas utilities 99,405,663 Mcf. of natural gas. The transport systems accounted for 81,036,181 Mcf. and the distribution systems 18,369,482 Mcf. Natural gas imported from the U.S.A. was 8,065,550 Mcf. and the volume recovered from storage was 36,050 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over June 1967	Revenue \$'000	% of total revenue
Ultimate customers .....	46,852	43.6	12.1	26,809	67.9
Exports .....	45,997	42.8	18.6	12,695	32.1
Other uses and adjustments .....	14,660	13.6	...	...	...
Totals .....	107,509	100.0	20.8	39,504	100.0

.. Figures not appropriate or applicable

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 68.8 billion commodity (Mcf.) miles (1,568 million ton miles) during June compared with 62.2 billion (Mcf.) miles (1,417 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.4 million Mcf.

Alberta natural gas utilities receipts totalled 79.4 billion cubic feet; of this 14.5 per cent was sold to ultimate customers in Alberta, 12.1 per cent in Ontario, 3.9 per cent in Quebec, 2.4 per cent in Saskatchewan, 8.8 per cent in British Columbia and 2.6 per cent in Manitoba. Exports accounted for 45.6 per cent and the remaining 10.1 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during June compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales	% of total sales	% increase over June 1967	Revenue	% of sales revenue	Number of customers
Residential .....	8,583	18.3	8.5	10,258	38.3	1,545
Industrial .....	32,251	68.8	12.9	11,812	44.0	11
Commercial .....	6,018	12.9	13.2	4,739	17.7	149
Totals .....	46,852	100.0	12.1	26,809	100.0	1,705

All gas volumes in Tables 1-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Table 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

September 1968  
63-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

June 1968

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	7,323	7,900	817,006
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	7,323	7,900	817,006
4	Imports .....	-	-	8,062,099
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	7,323	7,900	8,879,105
7	Received from storage .....	-	-	6,346
9	Total supply of gas utilities (6 + 7) .....	7,323	7,900	8,885,451
	Transfers from:			
11	Other provinces .....	-	3,194,541	21,698,775
12	Distribution to transport (primary) .....	-	2,786,776	514,753
13	Other gas utilities .....	-	-	26,597,860
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,323	5,989,217	57,696,839
	<u>Disposition</u>			
	Sales:			
20	Residential .....	3,223	360,000	4,031,499
21	Industrial .....	-	2,434,223	12,342,902
22	Commercial .....	1,420	292,792	2,390,264
30	Total sales (20 + 21 + 22) .....	4,643	3,087,015	18,764,665
31	Exports .....	-	91,620	252,798
32	Other deliveries .....	-	-	168
33	Total net deliveries (30 + 31 + 32) .....	4,643	3,178,635	19,017,631
34	Delivered to storage .....	-	-	9,122,075
35	Line pack fluctuation .....	-	474	37,263
36	Gas used in system .....	-	7,573	1,682,469
37	Line losses and unaccounted for .....	2,680	15,759	2,469,753
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,323	3,202,441	27,389,685
	Transfers to:			
40	Other provinces .....	-	-	3,194,541
41	Distribution by transport (primary) .....	-	2,786,776	23,461,243
42	Other gas utilities .....	-	-	3,651,370
49	Total disposition (39 + 40 + 41 + 42) .....	7,323	5,989,217	57,696,839

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

June 1968

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	June 1967	No.
					Canada	
Mcf.						
-	-	6,433,113	336,707	6,769,820	4,491,556	1a
-	-	58,795,841	15,470,520	74,266,361	62,624,492	1b
-	1,574,165	6,646,725	-	9,053,119	5,878,123	2a
-	1,781,081	7,504,932	30,350	9,316,363	10,663,858	2b
-	3,355,246	79,380,611	15,837,577	99,405,663	83,658,029	3
-	-	3,451	-	8,065,550	4,773,750	4
857	-	644	390	1,891	3,501	5
857	3,355,246	79,384,706	15,837,967	107,473,104	88,435,280	6
-	13,114	16,590	-	36,050	563,188	7
857	3,368,360	79,401,296	15,837,967	107,509,154	88,998,468	9
32,717,469	35,517,436	-	24,850,719	-	-	11
-	2,436,202	1,207,337	-	6,945,068	3,058,762	12
1,614,654	1,930,631	4,800,077	6,165,297	41,108,519	38,086,256	13
34,332,980	43,252,629	85,408,710	46,853,983	155,562,741	130,143,486	19
617,102	869,296	1,938,341	763,461	8,582,922	7,909,671	20
985,882	3,856,462	7,847,612	4,717,835	32,184,916	28,574,750	21
477,580	483,041	1,701,069	672,153	6,018,319	5,313,841	22
2,080,564	5,208,799	11,487,022	6,153,449	46,786,157	41,798,262	30
8,907,077	-	3,028,380	33,717,507	45,997,382	38,776,749	31
-	-	27,909	-	28,077	29,954	32
10,987,641	5,208,799	14,543,311	39,870,956	92,811,616	80,604,965	33
-	822,136	672,093	-	10,616,304	8,736,904	34
17,887	88,600	- 9,840	- 2,562	131,822	37,915	35
402,305	786,660	540,106	724,959	4,144,072	3,661,155	36
- 388,282	- 737,868	3,287,471	95,333	- 194,660	- 4,042,471	37
11,019,551	6,168,327	19,033,141	40,688,686	107,509,154	88,998,468	39
21,698,775	32,717,469	60,368,155	-	-	-	40
1,614,654	1,930,631	34,422	6,073,202	35,900,928	27,123,568	41
-	2,436,202	5,972,992	92,095	12,152,659	14,021,450	42
34,332,980	43,252,629	85,408,710	46,853,983	155,562,741	130,143,486	49

. Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

No.		January	February	March	April <sup>r</sup>	May <sup>r</sup>
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,488,859	7,473,927	6,497,664	6,786,420	4,941,927
1b	Processing plants .....	92,137,690	87,505,605	90,636,294	81,536,215	80,655,552
2	By distribution systems:					
2a	Fields .....	15,919,170 <sup>r</sup>	14,240,778 <sup>r</sup>	12,300,564 <sup>r</sup>	12,295,629	11,379,895
2b	Processing plants .....	15,001,003 <sup>r</sup>	14,603,637 <sup>r</sup>	14,235,623 <sup>r</sup>	11,085,214	9,897,117
3	Total (1 + 2) .....	131,546,722	123,823,947	123,670,145	111,703,478	106,874,491
4	Imports .....	6,173,198	6,629,657	9,259,754	8,023,099	7,772,695
5	Other receipts(1) .....	76,688	103,056	59,198	50,491	9,813
6	Total net receipts (3 + 4 + 5) .....	137,796,608	130,556,660	132,989,097	119,777,068	114,656,999
7	Received from storage .....	15,026,932	12,593,881	3,669,569	1,699,586	463,232
9	Total supply of gas utilities (6 + 7) .....	152,823,540	143,150,541	136,658,666	121,476,654	115,120,231
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	8,795,580	8,311,240	4,811,010	7,876,540	4,714,484
13	Other gas utilities .....	58,989,428	55,926,797	57,213,966	46,414,522	46,497,993
19	Total gross receipts (9 + 11 + 12 + 13) ...	220,608,548	207,388,578	198,683,642	175,767,716	166,332,708
	<u>Disposition</u>					
	Sales:					
20	Residential .....	36,331,980	32,452,548	27,842,494	19,905,413	13,524,418
21	Industrial .....	32,916,942	33,059,807	33,774,234	32,396,655	34,944,543
22	Commercial .....	22,129,036	19,574,100	16,879,171	13,013,115	9,601,219
30	Total sales (20 + 21 + 22) .....	91,377,958	85,086,455	78,495,899	65,315,183	58,070,180
31	Exports .....	52,092,912	49,270,614	52,521,009	48,402,731	47,994,970
32	Other deliveries .....	123,294	1,074,591	1,187,280	258,805	48,811
33	Total net deliveries (30 + 31 + 32) .....	143,594,164	135,431,660	132,204,188	113,976,719	106,113,961
34	Delivered to storage .....	176,929	175,363	2,651,498	5,296,028	5,383,128
35	Line pack fluctuation .....	547,540	- 57,692	738,663	- 226,267	- 96,726
36	Gas used in system .....	6,386,066	5,834,189	4,762,417	4,958,274	4,878,126
37	Line losses and unaccounted for .....	2,118,841	1,767,021	- 3,698,100	- 2,528,100	- 1,158,258
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	152,823,540	143,150,541	136,658,666	121,476,654	115,120,231
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	45,820,006	43,350,902	44,897,540	41,092,001	39,307,349
42	Other gas utilities .....	21,965,002	20,887,135	17,127,436	13,199,061	11,905,128
49	Total disposition (39 + 40 + 41 + 42) .....	220,608,548	207,388,578	198,683,642	175,767,716	166,332,708

(1) Includes peak shaving and enrichment.

<sup>r</sup> Revised figures.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

June	July	August	September	October	November	December	Year to date		No.
							1968	1967	
				Mcf.					
6,769,820							40,958,617	40,867,983	1a
74,266,361							506,737,717	434,728,917	1b
9,053,119							79,165,779	67,589,093	2a
9,316,363							70,162,954	76,653,014	2b
99,405,663							697,025,067	619,839,007	3
8,065,550							45,923,953	28,536,987	4
1,891							301,137	44,709	5
107,473,104							743,250,157	648,420,703	6
36,050							33,489,250	31,853,840	7
107,509,154							776,739,407	680,274,543	9
...							...	...	11
6,945,068							41,453,922	30,533,091	12
41,108,519							306,150,604	297,220,307	13
155,562,741							1,124,343,933	1,008,027,941	19
8,582,922							138,639,775	135,720,577	20
32,184,916							199,277,097	177,882,157	21
6,018,319							87,214,960	83,219,371	22
46,786,157							425,131,832	396,822,105	30
45,997,382							296,279,618	253,282,474	31
28,077							2,721,212	566,805	32
92,811,616							724,132,662	650,671,384	33
10,616,304							23,789,178	18,356,396	34
131,822							1,037,340	- 609,640	35
4,144,072							30,963,144	27,152,453	36
- 194,660							- 3,182,917	- 15,296,050	37
107,509,154							776,739,407	680,274,543	39
35,900,928							...	...	40
12,152,659							250,368,726	227,999,446	41
							97,235,800	99,753,952	42
155,562,741							1,124,343,933	1,008,027,941	49

.. Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

June 1968

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	6,433,113	336,707	-	6,769,820
1b	Processing plants .....	-	-	-	-	58,795,841	15,470,520	-	74,266,361
2	By distribution systems:								
2a	Fields .....	7,323	7,900	817,006	1,574,165	6,646,725	-	-	9,053,119
2b	Processing plants .....	-	-	-	1,781,081	7,504,932	30,350	-	9,316,363
3	Total (1 + 2) .....	7,323	7,900	817,006	3,355,246	79,380,611	15,837,577	-	99,405,663
4	Imports .....	-	-	-	-	-	-	8,065,550	8,065,550
5	Other receipts(1) .....	-	-	-	-	1,501	390	-	1,891
6	Total net receipts (3 + 4 + 5) .....	7,323	7,900	817,006	3,355,246	79,382,112	15,837,967	8,065,550	107,473,104
7	Received from storage .....	-	-	6,346	13,114	16,590	-	-	36,050
9	Total supply of gas utilities (6 + 7) .....	7,323	7,900	823,352	3,368,360	79,398,702	15,837,967	8,065,550	107,509,154
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	697,693	5,455,756	-	6,153,449
24	Alberta .....	-	-	-	-	11,483,523	-	3,499	11,487,022
25	Saskatchewan .....	-	-	-	3,311,385	1,897,414	-	-	5,208,799
26	Manitoba .....	-	-	-	-	2,080,564	-	-	2,080,564
27	Ontario .....	-	-	1,174,518	-	9,528,048	-	8,062,099	18,764,665
28	Quebec .....	-	7,900	-	-	3,079,115	-	-	3,087,015
29	New Brunswick .....	4,643	-	-	-	-	-	-	4,643
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,643	7,900	1,174,518	3,311,385	28,766,357	5,455,756	8,065,598	46,786,157
31	Exports .....	-	-	-	-	36,238,595	9,758,787	-	45,997,382
32	Other deliveries .....	-	-	-	-	28,077	-	-	28,077
33	Total net deliveries (30 + 31 + 32) .....	4,643	7,900	1,174,518	3,311,385	65,033,029	15,214,543	8,065,598	92,811,616
34	Delivered to storage .....	-	-	-	822,136	9,794,168	-	-	10,616,304
35	Line pack fluctuation .....	-	-	-	11,091	127,377	- 6,646	-	131,822
36	Gas used in system .....	-	-	33,226	121,115	3,434,640	555,091	-	4,144,072
37	Line losses and unaccounted for .....	2,680	-	- 384,392	- 897,367	1,009,488	74,979	- 48	- 194,660
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,323	7,900	823,352	3,368,360	79,398,702	15,837,967	8,065,550	107,509,154

(1) Includes peak shaving and enrichment.

TABLE 4. Operating Statistics: Natural Gas Utilities

June 1968

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
June 1968:			
Daily average .....	2,729,944	1,561,739	3,449,797
Maximum(1) .....	3,052,888	...	...
Minimum(1) .....	2,527,254	...	...
Exports maximum(1) .....	1,678,174	...	...
June 1967:			
Daily average .....	2,274,837	1,393,275	2,978,062
Maximum(1) .....	2,501,607	...	...
Minimum(1) .....	2,054,333	...	...
Year to date 1968:			
Daily average .....	3,020,355	2,392,761	4,176,113
Maximum(1) .....	3,494,251	..	..
Minimum(1) .....	2,098,891	..	..
Commodity miles:			
Mcf. miles (thousands) .....	68,802,682	..	..
Ton-miles (millions) .....	1,568	..	..
Line pack:			
Beginning of month (Mcf.) .....	7,889,943	..	..
End of month (Mcf.) .....	8,187,642	..	..
Operating revenues .....\$	..	26,809,359	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

June 1968

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	44,178	73,932
Deliveries to ultimate customers .....	44,474	72,901
Line pack fluctuations .....	-	- 1,001
Gas used in system .....	-	275
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 296	1,757
Total disposition .....	44,178	73,932
Daily average sendout .....	1,473	2,464
Revenues .....\$	29,410	137,181

TABLE 6. Sales of Natural Gas

No.		June 1968			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
<b>Residential:</b>					
1	New Brunswick .....	126	1,847	3,223	11,145
2	Quebec .....	92,941	199,084	360,000	968,113
3	Ontario .....	548,558	679,913	4,031,499	5,174,032
4	Manitoba .....	100,701	103,223	617,102	652,250
5	Saskatchewan .....	111,482	116,932	869,296	841,472
6	Alberta .....	250,666	253,536	1,938,341	1,379,330
7	British Columbia .....	171,126	190,648	763,461	1,231,355
8	Canada .....	1,275,600	1,545,183	8,582,922	10,257,697
<b>Industrial:</b>					
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,243	2,434,223	1,113,670
11	Ontario .....		7,406	12,342,902	6,598,576
12	Manitoba .....		291	985,882	295,919
13	Saskatchewan .....		603	3,856,462	929,237
14	Alberta .....		731	7,847,612	1,443,653
15	British Columbia .....		305	4,717,835	1,430,814
16	Canada .....		11,579	32,184,916	11,811,869
17	Firm .....		10,426	20,709,089	7,991,406
18	Interruptible .....		1,153	11,475,827	3,820,463
<b>Commercial:</b>					
19	New Brunswick .....		60	1,420	3,126
20	Quebec .....		10,265	292,792	388,619
21	Ontario .....		60,619	2,390,264	2,327,219
22	Manitoba .....		9,240	477,580	363,523
23	Saskatchewan .....		15,810	483,041	302,302
24	Alberta .....		28,305	1,701,069	705,267
25	British Columbia .....		24,352	672,153	649,737
26	Canada .....		148,651	6,018,319	4,739,793
<b>Total sales:</b>					
27	New Brunswick .....		1,907	4,643	14,271
28	Quebec .....		211,592	3,087,015	2,470,402
29	Ontario .....		747,938	18,764,665	14,099,827
30	Manitoba .....		112,754	2,080,564	1,311,692
31	Saskatchewan .....		133,345	5,208,799	2,073,011
32	Alberta .....		282,572	11,487,022	3,528,250
33	British Columbia .....		215,305	6,153,449	3,311,906
34	Canada .....		1,705,413	46,786,157	26,809,359

... Figures not appropriate or not applicable.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		June 1968		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	13,222	43,875	90,602
2	Industrial .....	7	357	718
3	Commercial .....	2,525	28,669	45,861
4	Total .....	15,754	72,901	137,181

TABLE 6. Sales of Natural Gas

		June 1967				
Sales per customer Mcf.	Revenue per Mcf. \$	Customers		Gas sold Mcf.	Revenue \$	No.
		Space heating No.	Total			
1.7	3.46	100	1,939	3,408	11,884	1
1.8	2.69	87,036	201,413	239,380	747,337	2
5.9	1.28	510,406	660,212	3,773,881	4,840,169	3
6.0	0.60	94,396	97,008	497,581	541,820	4
7.4	0.97	103,725	108,008	846,934	797,821	5
7.6	0.71	240,737	243,029	2,007,460	1,388,498	6
4.0	1.61	159,004	179,110	541,027	796,508	7
5.6	1.20	1,195,404	1,490,719	7,909,671	9,124,037	8
-	-	-	-	-	-	9
1,085	0.46		2,255	1,901,127	880,637	10
1,676	0.53		7,205	11,949,345	6,316,518	11
3,388	0.30		285	771,018	246,557	12
6,395	0.24		567	2,834,655	723,119	13
10,735	0.18		543	8,272,544	1,537,033	14
15,468	0.30		277	2,846,061	1,163,291	15
2,785	0.37		11,132	28,574,750	10,867,155	16
			10,759	25,350,407	8,344,169	17
			373	3,224,343	2,522,986	18
23.7	2.20		60	1,596	3,695	19
28.5	1.33		10,152	240,994	282,768	20
39.4	0.97		56,733	1,999,905	1,998,088	21
51.7	0.76		8,648	378,636	296,037	22
30.6	0.63		14,412	440,890	275,079	23
60.1	0.41		27,060	1,680,430	689,350	24
27.6	0.97		23,336	571,390	675,258	25
40.5	0.79		140,401	5,313,841	4,220,275	26
2.4	3.07		1,999	5,004	15,579	27
14.6	0.80		213,820	2,381,501	1,910,742	28
25.2	0.75		724,150	17,723,131	13,154,775	29
18.5	0.63		105,941	1,647,235	1,084,414	30
39.1	0.40		122,987	4,122,479	1,796,019	31
40.7	0.31		270,632	11,960,434	3,614,881	32
28.6	0.54		202,723	3,958,478	2,635,057	33
27.5	0.57		1,642,252	41,798,262	24,211,467	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

June 1968				No.
Manufactured gas				
Customers No.	Gas sold Mcf.	Revenue \$		
1,686	8,426	10,476	1	
19	28,576	10,327	2	
493	7,472	8,607	3	
2,198	44,474	29,410	4	

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	June 1968			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	3,889	-	1,714	5,603
Quebec .....	364,811	2,464,652	296,776	3,126,239
Ontario .....	4,084,857	12,579,913	2,421,892	19,086,662
Manitoba .....	623,624	994,204	483,174	2,101,002
Saskatchewan .....	917,486	4,071,270	509,725	5,498,481
Alberta .....	2,074,823	8,319,948	1,832,169	12,226,940
British Columbia .....	799,497	4,942,413	704,277	6,446,187
Canada .....	8,868,987	33,372,400	6,249,727	48,491,114

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	June 1968						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	92,903	256,337	9,031,776	3,071,143	35,476,848	47,929,007	308,887,229
Imports .....	-	8,180,545	-	3,451	-	8,183,996	46,416,622

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	June 1968	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	60,419	21,367



TABLE 11. Exports and Imports to and from the United States

June 1968

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	91,620	-
Ontario - Cornwall .....	252,798	-
Niagara Falls .....	-	6,421,520
Ojibway .....	-	1,640,579
Total Ontario .....	252,798	8,062,099
Manitoba - Emerson .....	8,907,077	-
Alberta - Aden .....	1,459,023	-
Carway .....	1,569,338	-
Coutts .....	19	3,451
Total Alberta .....	3,028,380	3,451
British Columbia - Kingsgate - U.S.A. District V South(1)	18,712,241	-
Other U.S.A. ....	4,274,032	-
Huntingdon .....	10,731,234	-
Total British Columbia .....	33,717,507	-
Canada - 1968 .....	45,997,382	8,065,550
1967 .....	38,776,749	4,773,750
Year to date - 1968 .....	296,279,618	45,923,953
1967 .....	253,282,474	28,536,987
Value - 1968 .....	12,694,934(2)	3,656,043
1967 .....	10,861,889	2,111,493

(1) California, Nevada, Arizona.

(2) Contains estimates.



# DOMINION BUREAU OF STATISTICS

Document  
Publications

## OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 10, No. 7

Price: 20 cents, \$2.00 a year

### GAS UTILITIES

(Transport and Distribution Systems)

JULY 1968

During July field gathering systems and processing plants delivered to gas utilities 98,239,392 Mcf. of natural gas. The transport systems accounted for 80,715,281 Mcf. and the distribution systems 17,524,111 Mcf. Natural gas imported from the U.S.A. was 9,174,890 Mcf. and the volume recovered from storage was 22,221 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over July 1967	Revenue \$'000	% of total revenue
Ultimate customers .....	40,825	38.0	17.4	21,697	64.7
Exports .....	46,405	43.2	17.6	11,842	35.3
Other uses and adjustments .....	20,210	18.8	...	...	...
Totals .....	107,440	100.0	21.6	33,539	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 69.4 billion commodity (Mcf.) miles (1,582 million ton miles) during July compared with 62.2 billion (Mcf.) miles (1,430 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.2 million Mcf.

Alberta natural gas utilities receipts totalled 79.6 billion cubic feet; of this 13.6 per cent was sold to ultimate customers in Alberta, 7.6 per cent in Ontario, 3.7 per cent in Quebec, 2.5 per cent in Saskatchewan, 0.3 per cent in British Columbia and 2.1 per cent in Manitoba. Exports accounted for 46.8 per cent and the remaining 23.4 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during July compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales '000 Mcf.	% of total sales	% increase over July 1967	Revenue \$'000	% of sales revenue	Number of customers '000
Residential .....	5,308	13.0	13.9	6,938	32.0	1,546
Industrial .....	31,242	76.5	17.8	11,346	52.3	12
Commercial .....	4,275	10.5	18.8	3,413	15.7	148
Totals .....	40,825	100.0	17.4	21,697	100.0	1,706

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

October 1968  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

July 1968

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	7,024	6,985	805,146
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	7,024	6,985	805,146
4	Imports .....	-	-	9,172,633
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	7,024	6,985	9,977,779
7	Received from storage .....	-	-	7,006
9	Total supply of gas utilities (6 + 7) .....	7,024	6,985	9,984,785
	Transfers from:			
11	Other provinces .....	-	3,228,934	22,246,414
12	Distribution to transport (primary) .....	-	2,754,095	550,029
13	Other gas utilities .....	-	5,970	31,022,373
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,024	5,995,984	63,803,601
	<u>Disposition</u>			
	Sales:			
20	Residential .....	2,648	223,879	2,328,996
21	Industrial .....	-	2,490,116	12,154,385
22	Commercial .....	1,171	232,630	1,631,519
30	Total sales (20 + 21 + 22) .....	3,819	2,946,625	16,114,900
31	Exports .....	-	90,784	217,963
32	Other deliveries .....	-	-	56
33	Total net deliveries (30 + 31 + 32) .....	3,819	3,037,409	16,332,919
34	Delivered to storage .....	-	-	11,617,234
35	Line pack fluctuation .....	-	666	- 29,245
36	Gas used in system .....	-	7,758	1,706,279
37	Line losses and unaccounted for .....	3,205	190,086	- 624,922
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,024	3,235,919	29,002,265
	Transfers to:			
40	Other provinces .....	-	-	3,228,934
41	Distribution by transport (primary) .....	-	2,754,095	25,129,640
42	Other gas utilities .....	-	5,970	6,442,762
49	Total disposition (39 + 40 + 41 + 42) .....	7,024	5,995,984	63,803,601

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

July 1968

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	July 1967	No.
					Canada	
Mcf.						
-	-	5,742,290	341,615	6,083,905	4,867,212	1a
-	-	60,049,941	14,581,435	74,631,376	63,267,903	1b
-	956,024	6,400,771	-	8,175,950	5,089,530	2a
-	1,899,663	7,421,423	27,075	9,348,161	10,869,110	2b
-	2,855,687	79,614,425	14,950,125	98,239,392	84,093,755	3
-	-	2,257	-	9,174,890	4,012,901	4
1,646	-	1,263	302	3,211	2,016	5
1,646	2,855,687	79,617,945	14,950,427	107,417,493	88,108,672	6
-	-	15,215	-	22,221	60,779	7
1,646	2,855,687	79,633,160	14,950,427	107,439,714	88,169,451	9
33,409,809	36,167,380	-	25,138,017	...	...	11
-	1,774,256	1,108,678	-	6,187,058	3,615,058	12
1,535,541	1,571,835	5,477,044	5,284,557	44,897,320	37,636,300	13
34,946,996	42,369,158	86,218,882	45,373,001	158,524,092	129,420,809	19
353,874	498,512	1,347,267	552,743	5,307,919	4,660,221	20
1,095,763	3,245,505	8,093,917	4,162,477	31,242,163	26,526,760	21
253,509	259,360	1,370,850	525,881	4,274,920	3,597,485	22
1,703,146	4,003,377	10,812,034	5,241,101	40,825,002	34,784,466	30
9,157,996	-	3,068,785	33,870,356	46,405,884	39,457,977	31
-	-	93,291	-	93,347	23,246	32
10,861,142	4,003,377	13,974,110	39,111,457	87,324,233	74,265,689	33
-	1,157,754	552,291	-	13,327,279	9,561,628	34
- 22,755	- 110,301	- 80,591	51,082	- 191,144	- 229,583	35
408,268	800,736	587,819	653,232	4,164,092	3,937,377	36
- 81,614	- 238,308	3,294,134	272,673	2,815,254	634,340	37
11,165,041	5,613,258	18,327,763	40,088,444	107,439,714	88,169,451	39
22,246,414	33,409,809	61,305,397	-	...	...	40
1,535,541	1,571,835	28,830	5,202,731	36,222,672	28,132,540	41
-	1,774,256	6,556,892	81,826	14,861,706	13,118,818	42
34,946,996	42,369,158	86,218,882	45,373,001	158,524,092	129,420,809	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

No.		January	February	March	April <sup>r</sup>	May <sup>r</sup>
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,488,859	7,473,927	6,497,664	6,786,420	4,941,927
1b	Processing plants .....	92,137,690	87,505,605	90,636,294	81,536,215	80,655,552
2	By distribution systems:					
2a	Fields .....	15,919,170 <sup>r</sup>	14,240,778 <sup>r</sup>	12,300,564 <sup>r</sup>	12,295,629	11,379,895
2b	Processing plants .....	15,001,003 <sup>r</sup>	14,603,637 <sup>r</sup>	14,235,623 <sup>r</sup>	11,085,214	9,897,117
3	Total (1 + 2) .....	131,546,722	123,823,947	123,670,145	111,703,478	106,874,491
4	Imports .....	6,173,198	6,629,657	9,259,754	8,023,099	7,772,695
5	Other receipts(1) .....	76,688	103,056	59,198	50,491	9,813
6	Total net receipts (3 + 4 + 5) .....	137,796,608	130,556,660	132,989,097	119,777,068	114,656,999
7	Received from storage .....	15,026,932	12,593,881	3,669,569	1,699,586	463,232
9	Total supply of gas utilities (6 + 7) ....	152,823,540	143,150,541	136,658,666	121,476,654	115,120,231
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	8,795,580	8,311,240	4,811,010	7,876,540	4,714,484
13	Other gas utilities .....	58,989,428	55,926,797	57,213,966	46,414,522	46,497,993
19	Total gross receipts (9 + 11 + 12 + 13) ...	220,608,548	207,388,578	198,683,642	175,767,716	166,332,708
	<u>Disposition</u>					
	Sales:					
20	Residential .....	36,331,980	32,452,548	27,842,494	19,905,413	13,524,418
21	Industrial .....	32,916,942	33,059,807	33,774,234	32,396,655	34,944,543
22	Commercial .....	22,129,036	19,574,100	16,879,171	13,013,115	9,601,219
30	Total sales (20 + 21 + 22) .....	91,377,958	85,086,455	78,495,899	65,315,183	58,070,180
31	Exports .....	52,092,912	49,270,614	52,521,009	48,402,731	47,994,970
32	Other deliveries .....	123,294	1,074,591	1,187,280	258,805	48,811
33	Total net deliveries (30 + 31 + 32) .....	143,594,164	135,431,660	132,204,188	113,976,719	106,113,961
34	Delivered to storage .....	176,929	175,363	2,651,498	5,296,028	5,383,128
35	Line pack fluctuation .....	547,540	- 57,692	738,663	- 226,267	- 96,726
36	Gas used in system .....	6,386,066	5,834,189	4,762,417	4,958,274	4,878,126
37	Line losses and unaccounted for .....	2,118,841	1,767,021	- 3,698,100	- 2,528,100	- 1,158,258
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	152,823,540	143,150,541	136,658,666	121,476,654	115,120,231
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	45,820,006	43,350,902	44,897,540	41,092,001	39,307,349
42	Other gas utilities .....	21,965,002	20,887,135	17,127,436	13,199,061	11,905,128
49	Total disposition (39 + 40 + 41 + 42) ....	220,608,548	207,388,578	198,683,642	175,767,716	166,332,708

(1) Includes peak shaving and enrichment.

<sup>r</sup> Revised figures.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

June	July	August	September	October	November	December	Year to date		No.
							1968	1967	
Mcf.									
6,769,820 74,266,361	6,083,905 74,631,376						47,042,522 581,369,093	45,735,195 497,996,820	1a 1b
9,053,119 9,316,363	8,175,950 9,348,161						87,341,729 79,511,115	71,839,617 88,361,130	2a 2b
99,405,663	98,239,392						795,264,459	703,932,762	3
8,065,550 1,891	9,174,890 3,211						55,098,843 304,348	32,549,888 46,725	4 5
107,473,104 36,050	107,417,493 22,221						850,667,650 33,511,471	736,529,375 31,914,619	6 7
107,509,154	107,439,714						884,179,121	768,443,994	9
6,945,068 41,108,519	6,187,058 44,897,320						47,640,980 351,047,924	34,148,149 334,856,607	11 12 13
155,562,741	158,524,092						1,282,868,025	1,137,448,750	19
8,582,922 32,184,916 6,018,319	5,307,919 31,242,163 4,274,920						143,947,694 230,519,260 91,489,880	140,380,798 204,408,917 86,816,856	20 21 22
46,786,157	40,825,002						465,956,834	431,605,571	30
45,997,382 28,077	46,405,884 93,347						342,685,502 2,814,559	292,740,451 590,051	31 32
92,811,616	87,324,233						811,456,895	724,937,073	33
10,616,304 131,822 4,144,072 - 194,660	13,327,279 - 191,144 4,164,092 2,815,254						37,116,457 846,196 35,127,236 - 367,663	27,918,029 - 839,228 31,089,830 14,661,710	34 35 36 37
107,509,154	107,439,714						884,179,121	768,443,994	39
35,900,928 12,152,659	36,222,672 14,861,706						286,591,398 112,097,506	256,131,986 112,872,770	40 41 42
155,562,741	158,524,092						1,282,868,025	1,137,448,750	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

July 1968

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	5,742,290	341,615	-	6,083,905
1b	Processing plants .....	-	-	-	-	60,049,941	14,581,435	-	74,631,376
2	By distribution systems:								
2a	Fields .....	7,024	6,985	805,146	956,024	6,400,771	-	-	8,175,950
2b	Processing plants .....	-	-	-	1,899,663	7,421,423	27,075	-	9,348,161
3	Total (1 + 2) .....	7,024	6,985	805,146	2,855,687	79,614,425	14,950,125	-	98,239,392
4	Imports .....	-	-	-	-	-	-	9,174,890	9,174,890
5	Other receipts(1) .....	-	-	-	-	2,909	302	-	3,211
6	Total net receipts (3 + 4 + 5) .....	7,024	6,985	805,146	2,855,687	79,617,334	14,950,427	9,174,890	107,417,493
7	Received from storage .....	-	-	7,006	-	15,215	-	-	22,221
9	Total supply of gas utilities (6 + 7) .....	7,024	6,985	812,152	2,855,687	79,632,549	14,950,427	9,174,890	107,439,714
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	249,131	4,991,970	-	5,241,101
24	Alberta .....	-	-	-	-	10,809,621	-	2,413	10,812,034
25	Saskatchewan .....	-	-	-	1,997,384	2,005,993	-	-	4,003,377
26	Manitoba .....	-	-	-	-	1,703,146	-	-	1,703,146
27	Ontario .....	-	-	875,026	-	6,067,241	-	9,172,633	16,114,900
28	Quebec .....	-	6,985	-	-	2,939,640	-	-	2,946,625
29	New Brunswick .....	3,819	-	-	-	-	-	-	3,819
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	3,819	6,985	875,026	1,997,384	23,774,772	4,991,970	9,175,046	40,825,002
31	Exports .....	-	-	-	-	37,132,851	9,273,033	-	46,405,884
32	Other deliveries .....	-	-	-	-	93,347	-	-	93,347
33	Total net deliveries (30 + 31 + 32) .....	3,819	6,985	875,026	1,997,384	61,000,970	14,265,003	9,175,046	87,324,233
34	Delivered to storage .....	-	-	-	1,157,754	12,169,525	-	-	13,327,279
35	Line pack fluctuation .....	-	-	-	- 11,694	- 237,773	58,323	-	- 191,144
36	Gas used in system .....	-	-	36,329	125,536	3,544,172	458,055	-	4,163,936
37	Line losses and unaccounted for .....	3,205	-	- 99,203	- 413,293	3,155,655	169,046	- 156	2,815,254
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,024	6,985	812,152	2,855,687	79,632,549	14,950,427	9,174,890	107,439,714

(1) Includes peak shaving and enrichment.

TABLE 4. Operating Statistics: Natural Gas Utilities

July 1968

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
July 1968:			
Daily average .....	2,665,437	1,316,936	3,246,823
Maximum(1) .....	2,952,243	...	...
Minimum(1) .....	2,465,710	...	...
Exports maximum(1) .....	1,654,774	...	...
July 1967:			
Daily average .....	2,180,339	1,122,080	2,704,107
Maximum(1) .....	2,544,632	...	...
Minimum(1) .....	1,721,913	...	...
Year to date 1968:			
Daily average .....	3,246,823	2,954,352	2,187,591
Maximum(1) .....	3,494,251	..	..
Minimum(1) .....	2,098,891	..	..
Commodity miles:			
Mcf. miles (thousands) .....	69,404,298	..	..
Ton-miles (millions) .....	1,582	..	..
Line pack:			
Beginning of month (Mcf.) .....	8,187,642	..	..
End of month (Mcf.) .....	8,011,148	..	..
Operating revenues .....	..	21,697,608	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

July 1968

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	37,840	64,485
Deliveries to ultimate customers .....	67,773	70,254
Line pack fluctuations .....	-	1,394
Gas used in system .....	-	163
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 29,933	- 7,326
Total disposition .....	37,840	64,485
Daily average sendout .....	1,221	2,081
Revenues .....	38,954	142,584

... Figures not appropriate or not applicable.

TABLE 6. Sales of Natural Gas

No.		July 1968		
		Customers		Revenue
		Space heating	Total	
		No.		\$
	Residential:			
1	New Brunswick .....	126	1,840	9,441
2	Quebec .....	93,303	198,659	735,019
3	Ontario .....	548,174	679,572	3,125,686
4	Manitoba .....	101,056	103,563	430,856
5	Saskatchewan .....	113,086	118,602	597,511
6	Alberta .....	250,348	252,803	1,124,381
7	British Columbia .....	171,746	191,005	915,188
8	Canada .....	1,277,839	1,546,044	6,938,082
	Industrial:			
9	New Brunswick .....	-	-	-
10	Quebec .....		2,255	1,106,654
11	Ontario .....		7,378	6,332,249
12	Manitoba .....		290	323,960
13	Saskatchewan .....		603	819,467
14	Alberta .....		901	1,496,101
15	British Columbia .....		312	1,267,923
16	Canada .....		11,739	11,346,354
17	Firm .....		10,586	7,344,569
18	Interruptible .....		1,153	4,001,785
	Commercial:			
19	New Brunswick .....		60	2,671
20	Quebec .....		10,238	303,897
21	Ontario .....		60,129	1,626,701
22	Manitoba .....		9,253	202,632
23	Saskatchewan .....		16,008	188,198
24	Alberta .....		28,452	577,319
25	British Columbia .....		24,284	511,754
26	Canada .....		148,424	3,413,172
	Total sales:			
27	New Brunswick .....		1,900	12,112
28	Quebec .....		211,152	2,145,570
29	Ontario .....		747,079	11,084,636
30	Manitoba .....		113,106	957,448
31	Saskatchewan .....		135,213	1,605,176
32	Alberta .....		282,156	3,197,801
33	British Columbia .....		215,601	2,694,865
34	Canada .....		1,706,207	21,697,608

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		July 1968		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	13,137	40,781	99,643
2	Industrial .....	7	205	416
3	Commercial .....	2,499	29,268	42,525
4	Total .....	15,643	70,254	142,584

TABLE 6. Sales of Natural Gas

July 1968		July 1967				No.
Sales per customer Mcf.	Revenue per Mcf. \$	Customers		Gas sold Mcf.	Revenue \$	
		Space heating No.	Total			
1.44	3.57	100	1,927	2,868	10,386	1
1.13	3.28	87,160	201,247	406,399	986,922	2
3.43	1.34	509,987	654,004	1,787,738	2,619,711	3
3.42	1.22	94,669	97,301	287,985	363,606	4
4.20	1.20	106,114	110,496	487,124	572,092	5
5.33	0.83	239,583	242,639	1,182,277	1,031,490	6
2.89	1.66	157,777	179,757	505,830	790,208	7
3.43	1.31	1,195,390	1,487,371	4,660,221	6,374,415	8
-	-	-	-	-	-	9
1,104	0.44	-	2,241	1,526,338	1,168,309	10
1,647	0.52	-	7,172	10,122,694	5,359,662	11
3,778	0.30	-	288	955,686	299,367	12
5,382	0.25	-	575	2,660,741	664,165	13
8,983	0.18	-	535	8,391,549	1,542,817	14
13,341	0.30	-	286	2,869,752	1,192,045	15
2,661	0.36	-	11,097	26,526,760	10,226,365	16
-	-	-	10,732	21,496,786	8,286,431	17
-	-	-	365	5,029,974	1,939,934	18
19.5	2.28	-	60	1,178	2,862	19
22.7	1.31	-	10,111	209,871	253,564	20
27.1	1.00	-	56,366	1,271,886	1,321,878	21
27.4	0.80	-	8,706	201,112	159,422	22
16.2	0.73	-	14,752	256,472	182,712	23
48.2	0.42	-	26,841	1,239,713	516,968	24
21.7	0.97	-	23,322	417,253	499,016	25
28.8	0.80	-	140,158	3,597,485	2,936,422	26
2.0	3.17	-	1,987	4,046	13,248	27
14.0	0.73	-	213,599	2,142,608	2,408,795	28
21.6	0.69	-	717,542	13,182,318	9,301,251	29
15.1	0.56	-	106,295	1,444,783	822,395	30
29.6	0.40	-	125,823	3,404,337	1,418,969	31
38.3	0.30	-	270,015	10,813,539	3,091,275	32
24.3	0.51	-	203,365	3,792,835	2,481,269	33
23.9	0.53	-	1,638,626	34,784,466	19,537,202	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

July 1968				No.
Manufactured gas				
Customers No.	Gas sold Mcf.	Revenue \$		
1,666	7,758	10,837	1	
19	50,644	17,071	2	
490	9,371	11,046	3	
2,175	67,773	38,954	4	

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	July 1968			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	3,196	-	1,412	4,608
Quebec .....	226,871	2,521,629	234,742	2,983,242
Ontario .....	2,362,172	12,256,437	1,652,248	16,270,857
Manitoba .....	357,308	1,102,515	256,644	1,716,467
Saskatchewan .....	501,219	3,263,126	260,768	4,025,113
Alberta .....	1,352,427	8,155,813	1,371,107	10,879,347
British Columbia .....	583,968	4,399,616	555,891	5,539,475
Canada .....	5,387,161	31,699,136	4,332,812	41,419,109

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	July 1968						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	91,783	220,361	9,277,050	3,115,441	35,748,325	48,452,960	342,685,502
Imports .....	-	9,330,766	-	2,257	-	9,333,023	55,591,552

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	July 1968	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	56,298	32,621



TABLE 6. Exports and Imports to and from the United States

July 1968

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	90,784	-
Ontario - Cornwall .....	217,963	-
Niagara Falls .....	-	7,493,230
Ojibway .....	-	1,679,403
Total Ontario .....	217,963	9,172,633
Manitoba - Emerson .....	9,157,996	-
Alberta - Aden .....	1,333,196	-
Carway .....	1,735,559	-
Coutts .....	30	2,257
Total Alberta .....	3,068,785	2,257
British Columbia - Kingsgate - U.S.A. District V South(1)	19,920,947	-
Other U.S.A. ....	3,288,396	-
Huntingdon .....	10,661,013	-
Total British Columbia .....	33,870,356	-
Canada - July 1968 .....	46,405,884	9,174,890
July 1967 .....	39,457,977	4,012,901
Year to date - 1968 .....	342,685,502	55,098,843
1967 .....	292,740,451	32,549,888
Value - July 1968 .....	11,841,984	4,144,434
July 1967 .....	10,275,116	1,791,414

(1) California, Nevada, Arizona.



## DOMINION BUREAU OF STATISTICS

Government  
Publications

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 10, No. 8

Price: 20 cents \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

AUGUST 1968

During August field gathering systems and processing plants delivered to gas utilities 103,719,719 Mcf. of natural gas. The transport systems accounted for 85,699,942 Mcf. and the distribution systems 18,019,777 Mcf. Natural gas imported from the U.S.A. was 7,088,369 Mcf. and the volume recovered from storage was 52,223 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over August 1967	Revenue \$'000	% of total revenue
Ultimate customers .....	42,453	38.3	12.6	22,086	64.6
Exports .....	47,424	42.8	18.4	12,121	35.4
Other uses and adjustments .....	20,986	18.9	...	...	...
Totals .....	110,863	100.0	18.9	34,207	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 71.7 billion commodity (Mcf.) miles (1,636 million ton miles) during August compared with 64.5 billion (Mcf.) miles (1,470 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.2 million Mcf.

Alberta natural gas utilities receipts totalled 83.8 billion cubic feet; of this 13.2 per cent was sold to ultimate customers in Alberta, 9.2 per cent in Ontario, 3.9 per cent in Quebec, 3.1 per cent in Saskatchewan, 0.9 per cent in British Columbia and 1.9 per cent in Manitoba. Exports accounted for 45.2 per cent and the remaining 22.6 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during August compared to the same month for the previous year. Details are contained in the following table.

Sales category	Sales '000 Mcf.	% of total sales	% increase over August 1967	Revenue \$'000	% of sales revenue	Number of customers '000
Residential .....	4,857	11.4	22.8	6,787	30.7	1,544
Industrial .....	33,110	78.0	10.3	11,684	52.9	12
Commercial .....	4,486	10.6	19.7	3,615	16.4	148
Totals .....	42,453	100.0	12.6	22,086	100.0	1,704

All gas volumes in Tables 1-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60° F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

August 1968

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	By transport systems:			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems:			
2a	Fields .....	7,362	9,136	727,015
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	7,362	9,136	727,015
4	Imports .....	-	-	7,085,495
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	7,362	9,136	7,812,510
7	Received from storage .....	-	-	23,740
9	Total supply of gas utilities (6 + 7) .....	7,362	9,136	7,836,250
	Transfers from:			
11	Other provinces .....	-	3,396,773	22,506,775
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	2,945,278	33,197,908
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,362	6,351,187	63,540,933
	<u>Disposition</u>			
	Sales:			
20	Residential .....	2,238	334,973	1,736,370
21	Industrial .....	-	2,692,484	11,795,341
22	Commercial .....	1,153	255,069	1,935,698
30	Total sales (20 + 21 + 22) .....	3,391	3,282,526	15,467,409
31	Exports .....	-	89,927	262,561
32	Other deliveries .....	-	-	33
33	Total net deliveries (30 + 31 + 32) .....	3,391	3,372,453	15,730,003
34	Delivered to storage .....	-	-	8,868,202
35	Line pack fluctuation .....	-	- 171	30,883
36	Gas used in system .....	-	4,971	1,759,444
37	Line losses and unaccounted for .....	3,971	28,656	557,720
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,362	3,405,909	26,946,252
	Transfers to:			
40	Other provinces .....	-	-	3,396,773
41	Distribution by transport (primary) .....	-	2,937,411	22,897,969
42	Other gas utilities .....	-	7,867	10,299,939
49	Total disposition (39 + 40 + 41 + 42) .....	7,362	6,351,187	63,540,933

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

August 1968

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	August 1967	No.
					Canada	
Mcf.						
-	-	6,302,624	366,421	6,669,045	5,517,503	1a
-	-	62,758,614	16,272,283	79,030,897	66,398,904	1b
-	998,867	6,632,376	-	8,374,756	4,806,633	2a
-	1,583,104	8,030,714	31,203	9,645,021	11,269,681	2b
-	2,581,971	83,724,328	16,669,907	103,719,719	87,992,721	3
-	-	2,874	-	7,088,369	5,135,993	4
2,341	-	707	53	3,101	3,090	5
2,341	2,581,971	83,727,909	16,669,960	110,811,189	93,131,804	6
-	573	27,910	-	52,223	98,159	7
2,341	2,582,544	83,755,819	16,669,960	110,863,412	93,229,963	9
33,930,504	37,662,571	-	26,493,489	...	...	11
-	1,853,761	1,781,033	-	3,634,794	3,490,485	12
1,670,832	1,730,992	5,121,169	6,964,265	51,630,444	40,855,139	13
35,603,677	43,829,868	90,658,021	50,127,714	166,128,650	137,575,587	19
314,673	463,113	1,301,968	703,564	4,856,899	3,954,032	20
1,051,845	3,494,333	8,439,930	5,636,316	33,110,249	30,015,933	21
205,817	260,126	1,354,411	473,205	4,485,479	3,748,233	22
1,572,335	4,217,572	11,096,309	6,813,085	42,452,627	37,718,198	30
9,155,877	-	2,940,092	34,975,943	47,424,400	40,044,893	31
-	-	32,589	-	32,622	31,980	32
10,728,212	4,217,572	14,068,990	41,789,028	89,909,649	77,795,071	33
-	582,886	1,154,615	-	10,605,703	8,812,608	34
33,469	160,001	72,681	49,677	346,540	132,187	35
417,762	825,164	587,091	885,529	4,479,961	4,184,224	36
246,627	528,988	3,716,382	439,215	5,521,559	2,305,873	37
11,426,070	6,314,611	19,599,759	43,163,449	110,863,412	93,229,963	39
22,506,775	33,930,504	64,156,060	-	...	...	40
1,670,832	1,730,992	35,001	6,882,599	36,154,804	31,657,626	41
-	1,853,761	6,867,201	81,666	19,110,434	12,687,998	42
35,603,677	43,829,868	90,658,021	50,127,714	166,128,650	137,575,587	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	By transport systems:					
1a	Fields .....	8,488,859	7,473,927	6,497,664	6,786,420	4,941,927
1b	Processing plants .....	92,137,690	87,505,605	90,636,294	81,536,215	80,655,552
2	By distribution systems:					
2a	Fields .....	15,919,170	14,240,778	12,300,564	12,295,629	11,379,895
2b	Processing plants .....	15,001,003	14,603,637	14,235,623	11,085,214	9,897,117
3	Total (1 + 2) .....	131,546,722	123,823,947	123,670,145	111,703,478	106,874,491
4	Imports .....	6,173,198	6,629,657	9,259,754	8,023,099	7,772,695
5	Other receipts(1) .....	76,688	103,056	59,198	50,491	9,813
6	Total net receipts (3 + 4 + 5) .....	137,796,608	130,556,660	132,989,097	119,777,068	114,656,999
7	Received from storage .....	15,026,932	12,593,881	3,669,569	1,699,586	463,232
9	Total supply of gas utilities (6 + 7) .....	152,823,540	143,150,541	136,658,666	121,476,654	115,120,231
	Transfers from:					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	8,795,580	8,311,240	4,811,010	7,876,540	4,714,484
13	Other gas utilities .....	58,989,428	55,926,797	57,213,966	46,414,522	46,497,993
19	Total gross receipts (9 + 11 + 12 + 13) ...	220,608,548	207,388,578	198,683,642	175,767,716	166,332,708
	<u>Disposition</u>					
	Sales:					
20	Residential .....	36,331,980	32,452,548	27,842,494	19,905,413	13,524,418
21	Industrial .....	32,916,942	33,059,807	33,774,234	32,396,655	34,944,543
22	Commercial .....	22,129,036	19,574,100	16,879,171	13,013,115	9,601,219
30	Total sales (20 + 21 + 22) .....	91,377,958	85,086,455	78,495,899	65,315,183	58,070,180
31	Exports .....	52,092,912	49,270,614	52,521,009	48,402,731	47,994,970
32	Other deliveries .....	123,294	1,074,591	1,187,280	258,805	48,811
33	Total net deliveries (30 + 31 + 32) .....	143,594,164	135,431,660	132,204,188	113,976,719	106,113,961
34	Delivered to storage .....	176,929	175,363	2,651,498	5,296,028	5,383,128
35	Line pack fluctuation .....	547,540	- 57,692	738,663	- 226,267	- 96,726
36	Gas used in system .....	6,386,066	5,834,189	4,762,417	4,958,274	4,878,126
37	Line losses and unaccounted for .....	2,118,841	1,767,021	- 3,698,100	- 2,528,100	- 1,158,258
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	152,823,540	143,150,541	136,658,666	121,476,654	115,120,231
	Transfers to:					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	45,820,006	43,350,902	44,897,540	41,092,001	39,307,349
42	Other gas utilities .....	21,965,002	20,887,135	17,127,436	13,199,061	11,905,128
49	Total disposition (39 + 40 + 41 + 42) .....	220,608,548	207,388,578	198,683,642	175,767,716	166,332,708

(1) Includes peak shaving and enrichment.

r Revised figures.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

June	July	August	September	October	November	December	Year to date		No.
							1968	1967	
Mcf.									
6,769,820 74,266,361	6,083,905 74,631,376	6,669,045 79,030,897					53,711,567 660,399,990	51,252,698 564,395,724	1a 1b
9,053,119 9,316,363	8,175,950 9,348,161	8,374,756 9,645,021					95,716,485 89,156,136	76,646,250 99,630,811	2a 2b
99,405,663	98,239,392	103,719,719					898,984,178	791,925,483	3
8,065,550 1,891	9,174,890 3,211	7,088,369 3,101					62,187,212 307,449	37,685,881 49,815	4 5
107,473,104	107,417,493	110,811,189					961,478,839	829,661,179	6
36,050	22,221	52,223					33,563,694	32,012,778	7
107,509,154	107,439,714	110,863,412					995,042,533	861,673,957	9
...	...	...					...	...	11
6,945,068 41,108,519	6,187,058 44,897,320	3,634,794 51,630,444					51,275,774 402,678,368	39,852,644 373,497,736	12 13
155,562,741	158,524,092	166,128,650					1,448,996,675	1,275,024,337	19
8,582,922 32,184,916 6,018,319	5,307,919 31,242,163 4,274,920	4,856,899 33,110,249 4,485,479					148,804,593 263,629,509 95,975,359	144,334,830 234,424,850 90,565,089	20 21 22
46,786,157	40,825,002	42,452,627					508,409,461	469,324,769	30
45,997,382 28,077	46,405,884 93,347	47,424,400 32,622					390,109,902 2,847,181	332,785,344 622,031	31 32
92,811,616	87,324,233	89,909,649					901,366,544	802,732,144	33
10,616,304 131,822 4,144,072 - 194,660	13,327,279 - 191,144 4,164,092 2,815,254	10,605,703 346,540 4,479,961 5,521,559					47,722,160 1,192,736 39,607,197 5,153,896	36,730,637 - 707,041 35,274,054 - 12,355,837	34 35 36 37
107,509,154	107,439,714	110,863,412					995,042,533	861,673,957	39
...	...	...					...	...	40
35,900,928 12,152,659	36,222,672 14,861,706	36,154,804 19,110,434					322,746,202 131,207,940	274,503,460 138,846,920	41 42
155,562,741	158,524,092	166,128,650					1,448,996,675	1,275,024,337	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

August 1968

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	By transport systems:								
1a	Fields .....	-	-	-	-	6,302,624	366,421	-	6,669,045
1b	Processing plants .....	-	-	-	-	62,758,614	16,272,283	-	79,030,897
2	By distribution systems:								
2a	Fields .....	7,362	9,136	727,015	998,867	6,632,376	-	-	8,374,756
2b	Processing plants .....	-	-	-	1,583,104	8,030,714	31,203	-	9,645,021
3	Total (1 + 2) .....	7,362	9,136	727,015	2,581,971	83,724,328	16,669,907	-	103,719,719
4	Imports .....	-	-	-	-	-	-	7,088,369	7,088,369
5	Other receipts(1) .....	-	-	-	-	3,048	53	-	3,101
6	Total net receipts (3 + 4 + 5) .....	7,362	9,136	727,015	2,581,971	83,727,376	16,669,960	7,088,369	110,811,189
7	Received from storage .....	-	-	23,740	573	27,910	-	-	52,223
9	Total supply of gas utilities (6 + 7) .....	7,362	9,136	750,755	2,582,544	83,755,286	16,669,960	7,088,369	110,863,412
	<u>Disposition</u>								
	Sales:								
23	British Columbia .....	-	-	-	-	793,537	6,019,548	-	6,813,085
24	Alberta .....	-	-	-	-	11,093,473	-	2,836	11,096,309
25	Saskatchewan .....	-	-	-	1,619,140	2,598,432	-	-	4,217,572
26	Manitoba .....	-	-	-	-	1,572,335	-	-	1,572,335
27	Ontario .....	-	-	641,096	-	7,740,818	-	7,085,495	15,467,409
28	Quebec .....	-	9,136	-	-	3,273,390	-	-	3,282,526
29	New Brunswick .....	3,391	-	-	-	-	-	-	3,391
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	3,391	9,136	641,096	1,619,140	27,071,985	6,019,548	7,088,331	42,452,627
31	Exports .....	-	-	-	-	37,874,877	9,549,523	-	47,424,400
32	Other deliveries .....	-	-	-	-	32,622	-	-	32,622
33	Total net deliveries (30 + 31 + 32) .....	3,391	9,136	641,096	1,619,140	64,979,484	15,569,071	7,088,331	89,909,649
34	Delivered to storage .....	-	-	-	582,886	10,022,817	-	-	10,605,703
35	Line pack fluctuation .....	-	-	-	14,970	278,570	53,000	-	346,540
36	Gas used in system .....	-	-	37,283	132,676	3,621,817	688,185	-	4,479,961
37	Line losses and unaccounted for .....	3,971	-	72,376	232,872	4,852,598	359,704	38	5,521,559
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,362	9,136	750,755	2,582,544	83,755,286	16,669,960	7,088,369	110,863,412

(1) Includes peak shaving and enrichment.

TABLE 4. Operating Statistics: Natural Gas Utilities

August 1968

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Daily sendouts (Mcf.):			
August 1968:			
Daily average .....	2,696,103	1,369,440	3,240,431
Maximum(1) .....	3,001,391	...	...
Minimum(1) .....	2,417,147	...	...
Exports maximum(1) .....	1,674,161	...	...
August 1967:			
Daily average .....	2,312,984	1,216,901	2,793,796
Maximum(1) .....	2,575,287	...	...
Minimum(1) .....	1,964,153	...	...
Year to date 1968:			
Daily average .....	2,921,541	2,083,645	3,889,708
Maximum(1) .....	3,494,251	..	..
Minimum(1) .....	2,098,891	..	..
Commodity miles:			
Mcf. miles (thousands) .....	71,732,542	..	..
Ton-miles (millions) .....	1,636	..	..
Line pack:			
Beginning of month (Mcf.) .....	8,001,148	..	..
End of month (Mcf.) .....	8,359,522	..	..
Operating revenues .....	(\$)	22,086,199	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

August 1968

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	90,018	67,061
Deliveries to ultimate customers .....	57,112	68,785
Line pack fluctuations .....	-	1,394
Gas used in system .....	-	113
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	32,906	- 3,231
Total disposition .....	90,018	67,061
Daily average sendout .....	2,904	2,163
Revenues .....	(\$)	32,280
		140,682

TABLE 6. Sales of Natural Gas

No.		August 1968			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
<b>Residential:</b>					
1	New Brunswick .....	130	1,822	2,238	8,284
2	Quebec .....	93,517	198,896	334,973	982,536
3	Ontario .....	546,006	677,255	1,736,370	2,513,469
4	Manitoba .....	101,578	104,057	314,673	398,787
5	Saskatchewan .....	112,360	117,846	463,113	561,028
6	Alberta .....	251,710	253,992	1,301,968	1,118,099
7	British Columbia .....	171,354	190,071	703,564	1,204,746
8	Canada .....	1,276,655	1,543,939	4,856,899	6,786,949
<b>Industrial:</b>					
9	New Brunswick .....	-	-	-	-
10	Quebec .....	-	2,237	2,692,484	1,193,175
11	Ontario .....	-	7,373	11,795,341	6,150,068
12	Manitoba .....	-	291	1,051,845	316,931
13	Saskatchewan .....	-	599	3,494,333	841,721
14	Alberta .....	-	919	8,439,930	1,528,970
15	British Columbia .....	-	322	5,636,316	1,652,826
16	Canada .....	-	11,741	33,110,249	11,683,691
17	Firm .....	-	10,062	21,574,881	7,894,233
18	Interruptible .....	-	1,679	11,535,368	3,789,458
<b>Commercial:</b>					
19	New Brunswick .....	-	60	1,153	2,634
20	Quebec .....	-	10,193	255,069	333,538
21	Ontario .....	-	60,099	1,935,698	1,875,468
22	Manitoba .....	-	9,266	205,817	167,124
23	Saskatchewan .....	-	15,672	260,126	196,509
24	Alberta .....	-	28,667	1,354,411	579,769
25	British Columbia .....	-	24,234	473,205	460,517
26	Canada .....	-	148,191	4,485,479	3,615,559
<b>Total sales:</b>					
27	New Brunswick .....	-	1,882	3,391	10,918
28	Quebec .....	-	211,326	3,282,526	2,509,249
29	Ontario .....	-	744,727	15,467,409	10,539,005
30	Manitoba .....	-	113,614	1,572,335	882,842
31	Saskatchewan .....	-	134,117	4,217,572	1,599,258
32	Alberta .....	-	283,578	11,096,309	3,226,838
33	British Columbia .....	-	214,627	6,813,085	3,318,089
34	Canada .....	-	1,703,871	42,452,627	22,086,199

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		August 1968		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Domestic .....	13,092	40,067	98,052
2	Industrial .....	7	407	822
3	Commercial .....	2,498	28,311	41,808
4	Total .....	15,597	68,785	140,682

TABLE 6. Sales of Natural Gas

August 1968		August 1967				
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.23	3.70	100	1,912	2,297	8,618	1
1.68	2.93	87,398	201,802	330,889	964,007	2
2.56	1.45	510,172	654,315	1,618,840	2,396,181	3
3.02	1.27	95,311	97,921	225,304	315,848	4
3.93	1.21	105,668	110,032	345,316	458,504	5
5.13	0.86	232,221	242,312	971,617	945,996	6
3.70	1.71	160,657	179,329	459,769	733,956	7
3.15	1.40	1,191,527	1,487,623	3,954,032	5,823,110	8
-	-	-	-	-	-	9
1,204	0.44		2,238	1,932,360	1,242,241	10
1,600	0.52		7,154	11,173,155	5,900,805	11
3,615	0.30		288	1,042,127	304,288	12
5,834	0.24		579	2,580,402	617,815	13
9,184	0.18		721	8,656,141	1,628,831	14
17,504	0.29		288	4,631,748	1,926,264	15
2,820	0.35		11,268	30,015,933	11,620,244	16
...	...		10,889	24,817,893	9,017,273	17
...	...		379	5,198,040	2,602,971	18
19.2	2.28		60	1,085	2,526	19
25.0	1.31		71,693	254,651	299,257	20
32.2	0.97		56,268	1,752,510	1,743,260	21
22.2	0.81		8,695	162,235	136,401	22
16.6	0.65		14,629	191,057	149,420	23
47.2	0.43		26,879	998,735	524,943	24
19.5	0.97		23,236	387,960	465,764	25
30.3	0.81		141,460	3,748,233	3,321,571	26
1.8	3.22		1,972	3,382	11,144	27
15.5	0.76		215,733	2,517,900	2,505,505	28
20.8	0.68		717,737	14,544,505	10,040,246	29
13.8	0.56		106,904	1,429,666	756,537	30
31.4	0.38		125,240	3,116,775	1,225,739	31
39.1	0.29		269,912	10,626,493	3,099,770	32
31.7	0.49		202,853	5,479,477	3,125,984	33
24.9	0.52		1,640,351	37,718,198	20,764,925	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

August 1968				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
1,655	5,817	7,529	1	
19	42,110	14,205	2	
485	9,185	10,546	3	
2,159	57,112	32,280	4	

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	August 1968			
	Residential	Industrial	Commercial	Total
	Mcf.			
Sales:				
New Brunswick .....	2,700	-	1,391	4,091
Quebec .....	338,879	2,725,867	257,686	3,322,432
Ontario .....	1,718,840	11,930,560	1,998,916	15,648,316
Manitoba .....	317,818	1,058,953	208,329	1,585,100
Saskatchewan .....	470,243	3,548,438	264,109	4,282,790
Alberta .....	1,409,851	9,038,005	1,482,600	11,930,456
British Columbia .....	744,349	5,961,012	499,752	7,205,113
Canada .....	5,002,680	34,262,835	4,712,783	43,978,298

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	August 1968						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	91,620	265,449	9,247,436	3,001,951	36,914,957	49,521,413	392,206,915
Imports .....	-	7,161,808	-	2,874	-	7,164,682	62,756,234

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	August 1968	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	55,452	28,471



TABLE 11. Exports and Imports to and from the United States

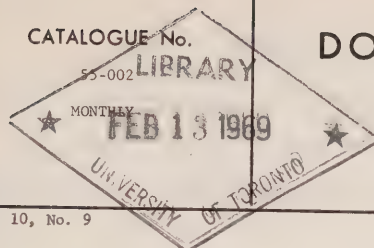
August 1968

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	89,927	-
Ontario - Cornwall .....	262,561	5,421,245
Niagara Falls .....	-	1,664,250
Ojibway .....	-	-
Total Ontario .....	262,561	7,085,495
Manitoba - Emerson .....	9,155,877	-
Alberta - Aden .....	1,159,005	-
Carway .....	1,781,062	-
Coutts .....	25	2,874
Total Alberta .....	2,940,092	2,874
British Columbia - Kingsgate - U.S.A. District V South(1)	20,461,973	-
Other U.S.A. ....	3,935,158	-
Huntingdon .....	10,578,812	-
Total British Columbia .....	34,975,943	-
Canada - August 1968 .....	47,424,400	7,088,369
August 1967 .....	40,044,893	5,135,993
Year to date - 1968 .....	390,109,902	62,187,212
1967 .....	332,785,344	37,685,881
Value - August 1968 .....	12,120,565	3,239,167
August 1967 .....	10,594,071	3,501,654

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# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 10, No. 9

Price: 20 cents, \$2.00 a year

## GAS UTILITIES (Transport and Distribution Systems)

SEPTEMBER 1968

During September field gathering systems and processing plants delivered to gas utilities 103,166,021 Mcf. of natural gas. The transport systems accounted for 83,381,890 Mcf. and the distribution systems 19,784,131 Mcf. Natural gas imported from the U.S.A. was 5,655,136 Mcf. and the volume recovered from storage was 231,469 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over September 1967	Revenue \$'000	% of total revenue
Ultimate customers .....	46,026	42.2	23.4	24,840	67.0
Exports .....	47,329	43.4	22.1	12,227	33.0
Other uses and adjustments .....	15,701	14.4	- 10.2	...	...
Totals .....	109,056	100.0	16.6	37,067	100.0

... Figures not appropriate or applicable

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 69.8 billion commodity (Mcf.) miles (1,591 million ton miles) during September compared with 65.7 billion (Mcf.) miles (1,499 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.3 million Mcf.

Alberta natural gas utilities receipts totalled 81.8 billion cubic feet; of this 15.0 per cent was sold to ultimate customers in Alberta, 13.2 per cent in Ontario, 4.1 per cent in Quebec, 2.9 per cent in Saskatchewan, 1.1 per cent in British Columbia and 2.5 per cent in Manitoba. Exports accounted for 44.7 per cent and the remaining 16.5 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during September compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales '000 Mcf.	% of total sales	% increase over September 1967	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	6,477	14.1	35.9	8,261	33.2	1,553
Industrial .....	33,790	73.4	20.2	12,217	49.2	12
Commercial .....	5,760	12.5	30.1	4,362	17.6	149
Totals .....	46,027	100.0	23.4	24,840	100.0	1,714

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximation; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

January 1969  
503-509

Manufacturing and Primary Industries Division

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1968

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
1	<u>By transport systems</u>			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	<u>By distribution systems</u>			
2a	Fields .....	7,410	8,829	936,993
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	7,410	8,829	936,993
4	Imports .....	-	-	5,650,409
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	7,410	8,829	6,587,402
7	Received from storage .....	-	-	152,758
9	Total supply of gas utilities (6 + 7) .....	7,410	8,829	6,740,160
	<u>Transfers from</u>			
11	Other provinces .....	-	3,508,977	21,152,278
12	Distribution to transport (primary) .....	-	3,022,974	-
13	Other gas utilities .....	-	7,192	25,275,646
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,410	6,547,972	53,168,084
	<u>Disposition</u>			
	<u>Sales</u>			
20	Residential .....	2,465	388,627	2,039,065
21	Industrial .....	-	2,758,664	12,733,306
22	Commercial .....	1,305	233,832	2,517,049
30	Total sales (20 + 21 + 22) .....	3,770	3,381,123	17,289,420
31	Exports .....	-	89,780	749,551
32	Other deliveries .....	-	-	50
33	Total net deliveries (30 + 31 + 32) .....	3,770	3,470,903	18,039,021
34	Delivered to storage .....	-	-	4,034,487
35	Line pack fluctuation .....	-	- 10,064	- 35,490
36	Gas used in system .....	-	5,385	1,952,862
37	Line losses and unaccounted for .....	3,640	51,582	392,581
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,410	3,517,806	24,383,461
	<u>Transfers to</u>			
40	Other provinces .....	-	-	3,508,977
41	Distribution by transport (primary) .....	-	3,022,974	19,857,199
42	Other gas utilities .....	-	7,192	5,418,447
49	Total disposition (39 + 40 + 41 + 42) .....	7,410	6,547,972	53,168,084

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1968

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	September 1967	
Mcf.						No.
Canada						
-	-	6,073,045	219,043	6,292,088	5,115,653	1a
-	-	60,048,015	17,041,787	77,089,802	65,385,678	1b
-	1,669,555	8,075,894	-	10,698,681	5,648,778	2a
-	1,490,686	7,549,325	45,439	9,085,450	10,936,179	2b
-	3,160,241	81,746,279	17,306,269	103,166,021	87,086,288	3
-	-	4,727	-	5,655,136	6,326,815	4
2,267	-	854	98	3,219	2,666	5
2,267	3,160,241	81,751,860	17,306,367	108,824,376	93,415,769	6
-	18,273	60,438	-	231,469	143,201	7
2,267	3,178,514	81,812,298	17,306,367	109,055,845	93,558,970	9
32,892,441	36,110,180	-	25,079,231	...	...	11
2,241,226	1,710,090	1,646,431	-	6,379,495	3,401,410	12
	2,031,577	5,037,883	6,438,052	41,031,576	41,713,749	13
35,135,934	43,030,361	88,496,612	48,823,650	156,466,916	138,674,129	19
458,512	679,681	1,920,128	988,072	6,476,550	4,763,510	20
1,268,891	3,938,026	8,580,532	4,510,885	33,790,304	28,114,242	21
291,235	303,785	1,797,280	615,431	5,759,917	4,428,167	22
2,018,638	4,921,492	12,297,940	6,114,388	46,026,771	37,305,919	30
8,979,431	-	2,635,751	34,874,046	47,328,559	38,776,661	31
-	-	39,130	-	39,180	28,151	32
10,998,069	4,921,492	14,972,821	40,988,434	93,394,510	76,110,731	33
-	349,959	1,053,454	-	5,437,900	8,774,280	34
- 26,618	- 111,409	- 23,690	22,930	- 184,341	108,131	35
399,992	772,114	561,735	924,299	4,616,387	4,232,519	36
370,987	464,097	4,058,567	449,935	5,791,389	4,333,309	37
11,742,430	6,396,253	20,622,887	42,385,598	109,055,845	93,558,970	39
21,152,278	32,892,441	61,189,411	-	...	...	40
2,241,226	2,031,577	45,652	6,333,087	33,531,715	33,096,637	41
-	1,710,090	6,638,662	104,965	13,879,356	12,018,522	42
35,135,934	43,030,361	88,496,612	48,823,650	156,466,916	138,674,129	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	8,488,859	7,473,927	6,497,664	6,786,420	4,941,927
1b	Processing plants .....	92,137,690	87,505,605	90,636,294	81,536,215	80,655,552
2	<u>By distribution systems</u>					
2a	Fields .....	15,919,170	14,240,778	12,300,564	12,295,629	11,379,895
2b	Processing plants .....	15,001,003	14,603,637	14,235,623	11,085,214	9,897,117
3	Total (1 + 2) .....	131,546,722	123,823,947	123,670,145	111,703,478	106,874,491
4	Imports .....	6,173,198	6,574,121	9,137,563	8,023,099	7,772,695
5	Other receipts(1) .....	76,688	103,056	59,198	50,491	9,813
6	Total net receipts (3 + 4 + 5) .....	137,796,608	130,501,124	132,866,906	119,777,068	114,656,999
7	Received from storage .....	15,026,932	12,593,881	3,669,569	1,699,586	463,232
9	Total supply of gas utilities (6 + 7) .....	152,823,540	143,095,005	136,536,475	121,476,654	115,120,231
	<u>Transfers from</u>					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	8,795,580	8,311,240	4,811,010	7,876,540	4,714,484
13	Other gas utilities .....	58,989,428	55,926,797	57,213,966	46,414,522	46,497,993
19	Total gross receipts (9 + 11 + 12 + 13) ...	220,608,548	207,333,042	198,561,451	175,767,716	166,332,708
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	36,331,980	32,452,548	27,842,494	19,905,413	13,524,418
21	Industrial .....	32,916,942	33,059,807	33,774,234	32,396,655	34,944,543
22	Commercial .....	22,129,036	19,574,100	16,879,171	13,013,115	9,601,219
30	Total sales (20 + 21 + 22) .....	91,377,958	85,086,455	78,495,899	65,315,183	58,070,180
31	Exports .....	52,092,912	49,270,614	52,521,009	48,402,731	47,994,970
32	Other deliveries .....	123,294	1,074,591	1,187,280	258,805	48,811
33	Total net deliveries (30 + 31 + 32) .....	143,594,164	135,431,660	132,204,188	113,976,719	106,113,961
34	Delivered to storage .....	176,929	175,363	2,651,498	5,296,028	5,383,128
35	Line pack fluctuation .....	547,540	- 57,692	738,663	- 226,267	- 96,726
36	Gas used in system .....	6,386,066	5,834,189	4,762,417	4,958,274	4,878,126
37	Line losses and unaccounted for .....	2,118,841	1,711,485	- 3,820,291	- 2,528,100	- 1,158,258
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	152,823,540	143,095,005	136,536,475	121,476,654	115,120,231
	<u>Transfers to</u>					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	45,820,006	43,350,902	44,897,540	41,092,001	39,307,349
42	Other gas utilities .....	21,965,002	20,887,135	17,127,436	13,199,061	11,905,128
49	Total disposition (39 + 40 + 41 + 42) .....	220,608,548	207,333,042	198,561,451	175,767,716	166,332,708

(1) Includes peak shaving and enrichment.

r Revised figures.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada 1968

June	July	August	September	October	November	December	Year to date		No.
							1968	1967	
Mcf.									
6,769,820 74,266,361	6,083,905 74,631,376	6,669,045 79,030,897	6,292,088 77,089,802				60,003,655 737,489,792	56,368,351 629,781,402	1a 1b
9,053,119 9,316,363	8,175,950 9,348,161	8,374,756 9,645,021	10,698,681 9,085,450				102,438,542 102,217,589	83,134,034 109,727,984	2a 2b
99,405,663	98,239,392	103,719,719	103,166,021				1,002,149,578	879,011,771	3
8,065,550 1,891	9,174,890 3,211	7,088,369 3,101	5,655,136 3,219				67,664,621 310,668	44,012,696 52,481	4 5
107,473,104	107,417,493	110,811,189	108,824,376				1,070,124,867	923,076,948	6
36,050	22,221	52,223	231,469				33,795,163	32,155,979	7
107,509,154	107,439,714	110,863,412	109,055,845				1,103,920,030	955,232,927	9
6,945,068 41,108,519	6,187,058 44,897,320	3,634,794 51,630,444	6,379,495 41,031,576				57,655,269 443,710,565	45,663,905 412,801,634	11 12 13
155,562,741	158,524,092	166,128,650	156,466,916				1,605,285,864	1,413,698,466	19
8,582,922 32,184,916 6,018,319	5,307,919 31,242,163 4,274,920	4,856,899 33,110,249 4,485,479	6,476,550 33,790,304 5,759,917				155,281,143 297,419,813 101,735,276	149,098,340 262,850,600 94,681,748	20 21 22
46,786,157	40,825,002	42,452,627	46,026,771				554,436,232	506,630,688	30
45,997,382 28,077	46,405,884 93,347	47,424,400 32,622	47,328,559 39,180				437,438,461 2,886,007	371,562,005 650,182	31 32
92,811,616	87,324,233	89,909,649	93,394,510				994,760,700	878,842,875	33
10,616,304 131,822 4,144,072 - 194,660	13,327,279 - 191,144 4,164,092 2,815,254	10,605,703 346,540 4,479,961 5,521,559	5,437,900 - 184,341 4,616,387 5,791,389				53,670,132 1,008,395 44,223,584 10,257,219	45,504,917 - 598,910 39,506,573 - 8,022,528	34 35 36 37
107,509,154	107,439,714	110,863,412	109,055,845				1,103,920,030	955,232,927	39
35,900,928 12,152,659	36,222,672 14,861,706	36,154,804 19,110,434	33,531,715 13,879,356				356,277,917 145,087,917	320,886,249 137,579,290	40 41 42
155,562,741	158,524,092	166,128,650	156,466,916				1,605,285,864	1,413,698,466	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

September 1968

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	<u>By transport systems</u>								
1a	Fields .....	-	-	-	-	6,073,045	219,043	-	6,292,088
1b	Processing plants .....	-	-	-	-	60,048,015	17,041,787	-	77,089,802
2	<u>By distribution systems</u>								
2a	Fields .....	7,410	8,829	936,993	1,669,555	8,075,894	-	-	10,698,681
2b	Processing plants .....	-	-	-	1,490,686	7,549,325	45,439	-	9,085,450
3	Total (1 + 2) .....	7,410	8,829	936,993	3,160,241	81,746,279	17,306,269	-	103,166,021
4	Imports .....	-	-	-	-	-	-	5,655,136	5,655,136
5	Other receipts(1) .....	-	-	-	-	3,121	98	-	3,219
6	Total net receipts (3 + 4 + 5) .....	7,410	8,829	936,993	3,160,241	81,749,400	17,306,367	5,655,136	108,824,376
7	Received from storage .....	-	-	152,758	18,273	60,438	-	-	231,469
9	Total supply of gas utilities (6 + 7) .....	7,410	8,829	1,089,751	3,178,514	81,809,838	17,306,367	5,655,136	109,055,845
	<u>Disposition</u>								
	<u>Sales</u>								
23	British Columbia .....	-	-	-	-	903,207	5,211,181	-	6,114,388
24	Alberta .....	-	-	-	-	12,293,160	-	4,780	12,297,940
25	Saskatchewan .....	-	-	-	2,547,989	2,373,503	-	-	4,921,492
26	Manitoba .....	-	-	-	-	2,018,638	-	-	2,018,638
27	Ontario .....	-	-	878,841	-	10,760,170	-	5,650,409	17,289,420
28	Quebec .....	-	8,829	-	-	3,372,294	-	-	3,381,123
29	New Brunswick .....	3,770	-	-	-	-	-	-	3,770
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	3,770	8,829	878,841	2,547,989	31,720,972	5,211,181	5,655,189	46,026,771
31	Exports .....	-	-	-	-	36,534,383	10,794,176	-	47,328,559
32	Other deliveries .....	-	-	-	-	39,180	-	-	39,180
33	Total net deliveries (30 + 31 + 32) .....	3,770	8,829	878,841	-	68,294,535	16,005,357	5,655,189	93,394,510
34	Delivered to storage .....	-	-	-	349,959	5,087,941	-	-	5,437,900
35	Line pack fluctuation .....	-	-	-	3,934	- 212,365	24,090	-	- 184,341
36	Gas used in system .....	-	-	170,682	108,765	3,463,873	873,067	-	4,616,387
37	Line losses and unaccounted for .....	3,640	-	40,228	167,867	5,175,854	403,853	- 53	5,791,389
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,410	8,829	1,089,751	3,178,514	81,809,838	17,306,367	5,655,136	109,055,845

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

September 1968

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
<u>Daily sendouts (Mcf.)</u>			
September 1968			
Daily average .....	2,695,342	1,534,226	3,294,414
Maximum(1) .....	3,065,973	...	...
Minimum(1) .....	2,375,874	...	...
Exports maximum(1) .....	1,712,793	...	...
September 1967			
Daily average .....	2,318,493	...	...
Maximum(1) .....	2,788,223	...	...
Minimum(1) .....	2,073,479	...	...
Year to date 1968			
Daily average .....	2,897,884	...	...
Maximum(1) .....	3,222,028	...	...
Minimum(1) .....	2,619,436	...	...
<u>Commodity miles</u>			
Mcf. miles (thousands) .....	69,799,953	..	..
Ton-miles (millions) .....	1,591	..	..
<u>Line pack</u>			
Beginning of month (Mcf.) .....	8,359,522	..	..
End of month (Mcf.) .....	8,176,628	..	..
Operating revenues .....	(\$)	24,839,878	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

September 1968

	Manufactured	Liquefied petroleum gases
Mcf.		
Gas receipts .....	52,507	69,655
Deliveries to ultimate customers .....	51,085	62,277
Line pack fluctuations .....	-	1,296
Gas used in system .....	-	221
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	1,422	5,861
Total disposition .....	52,507	69,655
Daily average sendout .....	1,747	2,322
Revenues .....	(\$)	118,525

TABLE 6. Sales of Natural Gas

No.		September 1968			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	<u>Residential</u>				
1	New Brunswick .....	130	1,824	2,465	8,890
2	Quebec .....	94,465	199,378	388,627	996,511
3	Ontario .....	547,400	680,204	2,039,065	3,013,178
4	Manitoba .....	101,966	104,401	458,512	511,766
5	Saskatchewan .....	113,398	118,927	679,681	718,011
6	Alberta .....	253,305	255,807	1,920,128	1,360,492
7	British Columbia .....	173,378	192,252	988,072	1,652,040
8	Canada .....	1,284,042	1,552,793	6,476,550	8,260,888
	<u>Industrial</u>				
9	New Brunswick .....	-	-	-	-
10	Quebec .....	2,262	2,262	2,758,664	1,235,340
11	Ontario .....	7,405	7,405	12,733,306	6,766,904
12	Manitoba .....	292	292	1,268,891	369,798
13	Saskatchewan .....	598	598	3,938,026	931,497
14	Alberta .....	846	846	8,580,532	1,551,597
15	British Columbia .....	321	321	4,510,885	1,361,825
16	Canada .....	11,724	11,724	33,790,304	12,216,961
17	Firm .....		11,148	26,362,816	9,389,949
18	Interruptible .....		576	7,427,488	2,827,012
	<u>Commercial</u>				
19	New Brunswick .....	60	60	1,305	2,938
20	Quebec .....	10,193	10,193	233,832	287,661
21	Ontario .....	60,284	60,284	2,517,049	2,304,516
22	Manitoba .....	9,266	9,266	291,235	233,571
23	Saskatchewan .....	15,965	15,965	303,785	213,641
24	Alberta .....	28,809	28,809	1,797,280	737,406
25	British Columbia .....	24,532	24,532	615,431	582,296
26	Canada .....	149,109	149,109	5,759,917	4,362,029
	<u>Total sales</u>				
27	New Brunswick .....	1,884	1,884	3,770	11,828
28	Quebec .....	211,833	211,833	3,381,123	2,519,512
29	Ontario .....	747,893	747,893	17,289,420	12,084,598
30	Manitoba .....	113,959	113,959	2,018,638	1,115,135
31	Saskatchewan .....	135,490	135,490	4,921,492	1,863,149
32	Alberta .....	285,462	285,462	12,297,940	3,649,495
33	British Columbia .....	217,105	217,105	6,114,388	3,596,161
34	Canada .....	1,713,626	1,713,626	46,026,771	24,839,878

... Figures not appropriate or not applicable.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		September 1968		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Residential .....	13,093	31,662	74,530
2	Industrial .....	7	406	820
3	Commercial .....	2,497	30,209	43,175
4	Total .....	15,597	62,277	118,525

TABLE 6. Sales of Natural Gas

September 1968			September 1967		
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue
		Space heating	Total		
Mcf.	\$	No.		Mcf.	\$
1.35	3.60	130	1,923	2,491	9,114
1.95	2.56	87,772	201,859	302,603	847,851
3.00	1.47	507,933	656,073	2,052,018	2,948,876
4.39	1.11	95,901	98,459	318,848	381,805
5.72	1.05	105,080	109,419	357,138	460,307
7.50	0.70	241,134	243,770	1,114,276	1,004,842
5.13	1.67	160,751	180,800	616,136	769,655
4.17	1.28	1,198,701	1,492,303	4,763,510	6,422,450
1,220	0.45		2,237	2,097,147	1,007,247
1,720	0.53		7,152	10,579,548	5,636,724
4,346	0.29		287	818,484	242,743
6,585	0.24		579	2,591,173	669,380
10,142	0.18		726	8,233,478	1,551,500
14,052	0.30		295	3,794,412	1,589,134
2,882	0.36		11,276	28,114,242	10,696,728
...	...		10,894	23,517,964	8,938,939
...	...		382	4,596,278	1,757,789
21.7	2.25	60	1,264	2,933	19
22.9	1.23	10,086	249,359	292,019	20
41.8	0.92	56,574	2,228,792	2,125,639	21
31.4	0.80	8,719	200,321	160,757	22
19.0	0.70	14,390	182,849	144,460	23
62.4	0.41	26,989	1,130,510	575,758	24
25.1	0.95	23,388	435,072	510,441	25
38.6	0.76	140,206	4,428,167	3,812,007	26
2.0	3.14	1,983	3,755	12,047	27
16.0	0.75	214,182	2,649,109	2,147,117	28
23.1	0.70	719,799	14,860,358	10,711,239	29
17.7	0.55	107,465	1,337,653	785,305	30
36.3	0.38	124,388	3,131,160	1,274,147	31
43.0	0.30	271,485	10,478,264	3,132,100	32
28.2	0.59	204,483	4,845,620	2,869,230	33
26.9	0.53	1,643,785	37,305,919	20,931,185	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

September 1968				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
1,634	6,573	10,635		1
19	33,985	11,955		2
474	10,527	12,128		3
2,127	51,085	34,718		4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	September 1968			
	Residential	Industrial	Commercial	Total
	Mcf.			
<u>Sales</u>				
New Brunswick .....	2,974	-	1,574	4,548
Quebec .....	394,653	2,795,046	237,237	3,426,936
Ontario .....	2,058,250	12,860,307	2,540,394	17,458,951
Manitoba .....	462,749	1,277,926	294,246	2,034,921
Saskatchewan .....	683,368	3,959,407	305,437	4,948,212
Alberta .....	1,971,789	9,097,885	1,940,431	13,010,105
British Columbia .....	1,042,144	4,719,754	620,261	6,382,159
Canada .....	6,615,927	34,710,325	5,939,580	47,265,832

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	September 1968						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	90,768	757,796	9,078,205	2,711,467	36,774,928	49,413,164	441,620,079
Imports .....	-	5,720,259	-	4,727	-	5,724,986	68,481,220

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	September 1968	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	64,292	24,836



TABLE 11. Exports and Imports to and from the United States  
September 1968

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	89,780	-
Ontario - Cornwall .....	294,839	-
Niagara Falls .....	454,712	4,125,165
Ojibway .....	-	1,525,244
Total Ontario .....	749,551	5,650,409
Manitoba - Emerson .....	8,979,431	-
Alberta - Aden .....	989,278	-
Carway .....	1,646,457	-
Coutts .....	16	4,727
Total Alberta .....	2,635,751	4,727
British Columbia - Kingsgate - U.S.A. District V South(1) .....	19,094,080	-
Other U.S.A. ....	3,956,501	-
Huntingdon .....	11,823,465	-
Total British Columbia .....	34,874,046	-
Canada - September 1968 .....	47,328,559	5,655,136
September 1967 .....	38,776,661	6,326,815
Year to date - 1968 .....	437,438,461	67,664,621
1967 .....	371,561,905	44,012,696
Value - September 1968 .....	12,227,205	2,276,042
1967 .....	10,082,827	2,942,241

(1) California, Nevada, Arizona.



CATALOGUE No.

55-002

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

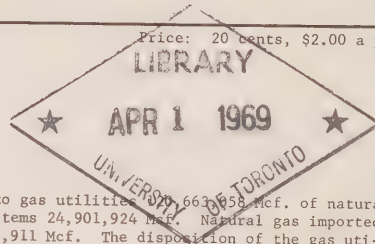
Published by Authority of the Minister of Trade and Commerce

Vol. 10, No. 10

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

OCTOBER 1968



During October field gathering systems and processing plants delivered to gas utilities 661,858 Mcf. of natural gas. The transport systems accounted for 95,761,134 Mcf. and the distribution systems 24,901,924 Mcf. Natural gas imported from the U.S.A. was 3,824,415 Mcf. and the volume recovered from storage was 4,637,911 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over October 1967	Revenue \$'000	% of total revenue
Ultimate customers .....	56,559	43.8	14.2	33,186	70.5
Exports .....	54,227	42.0	26.1	13,878	29.5
Other uses and adjustments .....	18,344	14.2	...	...	...
Totals .....	129,130	100.0	15.0	47,064	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 80.9 billion commodity (Mcf.) miles (1,844 million ton miles) during October compared with 71.1 billion (Mcf.) miles (1,622 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.8 million Mcf.

Alberta natural gas utilities receipts totalled 94.6 billion cubic feet; of this 16.9 per cent was sold to ultimate customers in Alberta, 13.4 per cent in Ontario, 4.2 per cent in Quebec, 3.2 per cent in Saskatchewan, 1.1 per cent in British Columbia and 2.8 per cent in Manitoba. Exports accounted for 43.4 per cent and the remaining 15.0 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during October compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales '000 Mcf.	% of total sales	% increase over October 1967	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	11,105	19.6	7.2	13,249	39.9	1,571
Industrial .....	36,850	65.2	16.7	13,859	41.8	12
Commercial .....	8,604	15.2	13.5	6,078	18.3	151
Totals .....	56,559	100.0	14.2	33,186	100.0	1,734

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Table 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

March 1969  
6503-509

Manufacturing and Primary Industries Division

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1968

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
1	<u>By transport systems</u>			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	<u>By distribution systems</u>			
2a	Fields .....	7,926	12,092	874,611
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	7,926	12,092	874,611
4	Imports .....	-	-	3,816,217
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	7,926	12,092	4,690,828
7	Received from storage .....	-	-	4,293,571
9	Total supply of gas utilities (6 + 7) .....	7,926	12,092	8,984,399
	<u>Transfers from</u>			
11	Other provinces .....	-	4,194,047	24,153,183
12	Distribution to transport (primary) .....	-	-	-
13	Other gas utilities .....	-	3,561,916	24,978,995
19	Total gross receipts (9 + 11 + 12 + 13) ...	7,926	7,768,055	58,116,577
	<u>Disposition</u>			
	<u>Sales</u>			
20	Residential .....	2,430	686,880	3,444,655
21	Industrial .....	-	2,880,664	14,462,185
22	Commercial .....	1,235	373,736	3,176,509
30	Total sales (20 + 21 + 22) .....	3,665	3,941,280	21,083,349
31	Exports .....	-	125,429	399,955
32	Other deliveries .....	-	-	905
33	Total net deliveries (30 + 31 + 32) .....	3,665	4,066,709	21,484,209
34	Delivered to storage .....	-	-	1,377,274
35	Line pack fluctuation .....	-	1,806	40,756
36	Gas used in system .....	-	6,379	2,194,707
37	Line losses and unaccounted for .....	4,261	131,245	3,846,589
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,926	4,206,139	28,943,535
	<u>Transfers to</u>			
40	Other provinces .....	-	-	4,194,047
41	Distribution by transport (primary) .....	-	3,552,548	21,439,358
42	Other gas utilities .....	-	9,368	3,539,637
49	Total disposition (39 + 40 + 41 + 42) .....	7,926	7,768,055	58,116,577

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1968

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	October 1967	No.
					Canada	
Mcf.						
-	-	7,610,061	491,725	8,101,786	6,841,105	1a
-	-	66,701,803	20,957,545	87,659,348	73,602,730	1b
-	2,171,334	10,783,022	-	13,848,985	8,557,225	2a
-	1,784,505	9,197,733	70,701	11,052,939	12,819,314	2b
-	3,955,839	94,292,619	21,519,971	120,663,058	101,820,374	3
-	-	8,198	-	3,824,415	7,628,057	4
2,443	-	1,705	195	4,343	462	5
2,443	3,955,839	94,302,522	21,520,166	124,491,816	109,448,893	6
-	80,275	264,065	-	4,637,911	2,818,525	7
2,443	4,036,114	94,566,587	21,520,166	129,129,727	112,267,418	9
39,076,432	43,496,847	-	28,136,324	...	...	11
-	2,215,305	1,340,237	-	3,555,542	4,055,846	12
3,433,766	2,552,743	6,977,928	8,135,580	49,640,928	51,787,221	13
42,512,641	52,301,009	102,884,752	57,792,070	182,326,197	168,110,485	19
837,429	999,384	3,146,941	1,987,469	11,105,188	10,362,869	20
1,248,651	3,766,522	9,934,870	4,556,893	36,849,785	31,575,183	21
589,798	592,429	2,948,596	921,662	8,603,965	7,582,929	22
2,675,878	5,358,335	16,030,407	7,466,024	56,558,938	49,520,981	30
10,738,144	-	3,130,629	39,833,133	54,227,290	42,991,558	31
-	6,046	970,942	-	977,893	66,204	32
13,414,022	5,364,381	20,131,978	47,299,157	111,764,121	92,578,743	33
-	319,725	111,290	-	1,808,289	5,721,254	34
30,567	119,479	141,611	- 102,590	231,629	548,321	35
529,269	1,028,058	530,494	1,576,694	5,865,601	4,621,937	36
951,834	1,624,886	2,018,043	883,229	9,460,087	8,797,163	37
14,925,692	8,456,529	22,933,416	49,656,490	129,129,727	112,267,418	39
24,153,183	39,076,432	71,633,171	-	...	...	40
3,433,766	2,552,743	164,384	7,985,828	39,128,627	40,642,550	41
-	2,215,305	8,153,781	149,752	14,067,843	15,200,517	42
42,512,641	52,301,009	102,884,752	57,792,070	182,326,197	168,110,485	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	8,488,859	7,473,927	6,497,664	6,786,420	4,941,927
1b	Processing plants .....	92,137,690	87,505,605	90,636,294	81,536,215	80,655,552
2	<u>By distribution systems</u>					
2a	Fields .....	15,919,170	14,240,778	12,300,564	12,295,629	11,379,895
2b	Processing plants .....	15,001,003	14,603,637	14,235,623	11,085,214	9,897,117
3	Total (1 + 2) .....	131,546,722	123,823,947	123,670,145	111,703,478	106,874,491
4	Imports .....	6,173,198	6,574,121	9,137,563	8,023,099	7,772,695
5	Other receipts(1) .....	76,688	103,056	59,198	50,491	9,813
6	Total net receipts (3 + 4 + 5) .....	137,796,608	130,501,124	132,866,906	119,777,068	114,656,999
7	Received from storage .....	15,026,932	12,593,881	3,669,569	1,699,586	463,232
9	Total supply of gas utilities (6 + 7) ....	152,823,540	143,095,005	136,536,475	121,476,654	115,120,231
	<u>Transfers from</u>					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	8,795,580	8,311,240	4,811,010	7,876,540	4,714,484
13	Other gas utilities .....	58,989,428	55,926,797	57,213,966	46,414,522	46,497,993
19	Total gross receipts (9 + 11 + 12 + 13) ...	220,608,548	207,333,042	198,561,451	175,767,716	166,332,708
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	36,331,980	32,452,548	27,842,494	19,905,413	13,524,418
21	Industrial .....	32,916,942	33,059,807	33,774,234	32,396,655	34,944,543
22	Commercial .....	22,129,036	19,574,100	16,879,171	13,013,115	9,601,219
30	Total sales (20 + 21 + 22) .....	91,377,958	85,086,455	78,495,899	65,315,183	58,070,180
31	Exports .....	52,092,912	49,270,614	52,521,009	48,402,731	47,994,970
32	Other deliveries .....	123,294	1,074,591	1,187,280	258,805	48,811
33	Total net deliveries (30 + 31 + 32) .....	143,594,164	135,431,660	132,204,188	113,976,719	106,113,961
34	Delivered to storage .....	176,929	175,363	2,651,498	5,296,028	5,383,128
35	Line pack fluctuation .....	547,540	- 57,692	738,663	- 226,267	- 96,726
36	Gas used in system .....	6,386,066	5,834,189	4,762,417	4,958,274	4,878,126
37	Line losses and unaccounted for .....	2,118,841	1,711,485	- 3,820,291	- 2,528,100	- 1,158,258
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	152,823,540	143,095,005	136,536,475	121,476,654	115,120,231
	<u>Transfers to</u>					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	45,820,006	43,350,902	44,897,540	41,092,001	39,307,349
42	Other gas utilities .....	21,965,002	20,887,135	17,127,436	13,199,061	11,905,128
49	Total disposition (39 + 40 + 41 + 42) ....	220,608,548	207,333,042	198,561,451	175,767,716	166,332,708

(1) Includes peak shaving and enrichment.

<sup>x</sup> Revised figures.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada 1968

June	July	August	September	October	November	December	Year to date		No.
							1968	1967	
Mcf.									
6,769,820	6,083,905	6,669,045	6,292,088	8,101,786			68,105,441	63,209,456	1a
74,266,361	74,631,376	79,030,897	77,089,802	87,659,348			825,149,140	703,384,132	1b
9,053,119	8,175,950	8,374,756	10,698,681	13,848,985			116,287,527	90,852,253	2a
9,316,363	9,348,161	9,645,021	9,085,450	11,052,939			113,270,528	123,386,304	2b
99,405,663	98,239,392	103,719,719	103,166,021	120,663,058			1,122,812,636	980,832,145	3
8,065,550	9,174,890	7,088,369	5,655,136	3,824,415			71,489,036	51,640,753	4
1,891	3,211	3,101	3,219	4,343			315,011	52,943	5
107,473,104	107,417,493	110,811,189	108,824,376	124,491,816			1,194,616,683	1,032,525,841	6
36,050	22,221	52,223	231,469	4,637,911			38,433,074	34,974,504	7
107,509,154	107,439,714	110,863,412	109,055,845	129,129,727			1,233,049,757	1,067,500,345	9
...	...	...	...	...			...	...	11
6,945,068	6,187,058	3,634,794	6,379,495	3,555,542			61,210,811	52,462,210	12
41,108,519	44,897,320	51,630,444	41,031,576	49,640,928			493,351,493	461,846,396	13
155,562,741	158,524,092	166,128,650	156,466,916	182,326,197			1,787,612,061	1,581,808,951	19
8,582,922	5,307,919	4,856,899	6,476,550	11,105,188			166,386,331	159,461,209	20
32,184,916	31,242,163	33,110,249	33,790,304	36,849,785			334,269,598	294,114,275	21
6,018,319	4,274,920	4,485,479	5,759,917	8,603,965			110,339,241	102,576,185	22
46,786,157	40,825,002	42,452,627	46,026,771	56,558,938			610,995,170	556,151,669	30
45,997,382	46,405,884	47,424,400	47,328,559	54,227,290			491,665,751	414,553,563	31
28,077	93,347	32,622	39,180	977,893			3,863,900	716,386	32
92,811,616	87,324,233	89,909,649	93,394,510	111,764,121			1,106,524,821	971,421,618	33
10,616,304	13,327,279	10,605,703	5,437,900	1,808,289			55,478,421	51,226,171	34
131,822	- 191,144	346,540	- 184,341	231,629			1,240,024	- 50,589	35
4,144,072	4,164,092	4,477,961	4,616,387	5,865,601			50,089,185	44,128,510	36
- 194,660	2,815,254	5,521,559	5,791,389	9,460,087			19,717,306	774,635	37
107,509,154	107,439,714	110,863,412	109,055,845	129,129,727			1,233,049,757	1,067,500,345	39
...	...	...	...	...			...	...	40
35,900,928	36,222,672	36,154,804	33,531,715	39,128,627			395,406,544	344,712,608	41
12,152,659	14,861,706	19,110,434	13,879,356	14,067,843			159,155,760	169,595,998	42
155,562,741	158,524,092	166,128,650	156,466,916	182,326,197			1,787,612,061	1,581,808,951	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

October 1968

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	<u>By transport systems</u>								
1a	Fields .....	-	-	-	-	7,610,061	491,725	-	8,101,786
1b	Processing plants .....	-	-	-	-	66,701,803	20,957,545	-	87,659,348
2	<u>By distribution systems</u>								
2a	Fields .....	7,926	12,092	874,611	2,171,334	10,783,022	-	-	13,848,985
2b	Processing plants .....	-	-	-	1,784,505	9,197,733	70,701	-	11,052,939
3	Total (1 + 2) .....	7,926	12,092	874,611	3,955,839	94,292,619	21,519,971	-	120,663,058
4	Imports .....	-	-	-	-	-	-	3,824,415	3,824,415
5	Other receipts(1) .....	-	-	-	-	4,148	195	-	4,343
6	Total net receipts (3 + 4 + 5) .....	7,926	12,092	874,611	3,955,839	94,296,767	21,520,166	3,824,415	124,491,816
7	Received from storage .....	-	-	4,293,571	80,275	264,065	-	-	4,637,911
9	Total supply of gas utilities (6 + 7) .....	7,926	12,092	5,168,182	4,036,114	94,560,832	21,520,166	3,824,415	129,129,727
	<u>Disposition</u>								
	<u>Sales</u>								
23	British Columbia .....	-	-	-	-	1,076,962	6,389,062	-	7,466,024
24	Alberta .....	-	-	-	-	16,023,272	-	7,135	16,030,407
25	Saskatchewan .....	-	-	-	2,342,463	3,015,872	-	-	5,358,335
26	Manitoba .....	-	-	-	-	2,675,878	-	-	2,675,878
27	Ontario .....	-	-	4,550,649	-	12,716,483	-	3,816,217	21,083,349
28	Quebec .....	-	12,092	-	-	3,929,188	-	-	3,941,280
29	New Brunswick .....	3,665	-	-	-	-	-	-	3,665
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	3,665	12,092	4,550,649	2,342,463	39,437,655	6,389,062	3,823,352	56,558,938
31	Exports .....	-	-	-	-	41,076,383	13,150,907	-	54,227,290
32	Other deliveries .....	-	-	-	-	977,893	-	-	977,893
33	Total net deliveries (30 + 31 + 32) .....	3,665	12,092	4,550,649	2,342,463	81,491,931	19,539,969	3,823,352	111,764,121
34	Delivered to storage .....	-	-	-	319,725	1,488,564	-	-	1,808,289
35	Line pack fluctuation .....	-	-	-	- 12,985	342,497	- 97,883	-	231,629
36	Gas used in system .....	-	-	23,241	150,508	4,332,250	1,359,602	-	5,865,601
37	Line losses and unaccounted for .....	4,261	-	594,292	1,236,403	6,905,590	718,478	1,063	9,460,087
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	7,926	12,092	5,168,182	4,036,114	94,560,832	21,520,166	3,824,415	129,129,727

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

October 1968

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
<u>Daily sendouts (Mcf.)</u>			
October 1968			
Daily average .....	3,111,864	1,885,298	3,785,747
Maximum(1) .....	3,575,551	...	...
Minimum(1) .....	2,767,550	...	...
Exports maximum(1) .....	2,168,813	...	...
October 1967			
Daily average .....	2,584,003	1,597,451	3,170,967
Maximum(1) .....	3,006,532	...	...
Minimum(1) .....	2,465,777	...	...
Year to date 1968			
Daily average .....	2,908,434	2,003,263	3,809,846
Maximum(1) .....	3,258,381	...	...
Minimum(1) .....	2,634,248	...	...
<u>Commodity miles</u>			
Mcf. miles (thousands) .....	80,879,424	..	..
Ton-miles (millions) .....	1,844	..	..
<u>Line pack</u>			
Beginning of month (Mcf.) .....	8,176,628	..	..
End of month (Mcf.) .....	8,410,814	..	..
Operating revenues .....	..	33,186,379	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

October 1968

	Manufactured	Liquefied petroleum gases
Mcf.		
Gas receipts .....	69,705	91,365
Deliveries to ultimate customers .....	67,619	85,179
Line pack fluctuations .....	-	- 1,800
Gas used in system .....	-	561
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	2,086	1,425
Total disposition .....	69,705	91,365
Daily average sendout .....	2,248	2,947
Revenues .....	36,747	157,302

TABLE 6. Sales of Natural Gas

No.		October 1968			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	<u>Residential</u>				
1	New Brunswick .....	130	1,817	2,430	8,560
2	Quebec .....	110,868	201,374	686,880	1,443,954
3	Ontario .....	549,369	690,142	3,444,655	4,889,920
4	Manitoba .....	103,005	105,429	837,429	799,768
5	Saskatchewan .....	113,874	119,423	999,384	930,090
6	Alberta .....	256,340	258,804	3,146,941	1,876,278
7	British Columbia .....	175,066	193,800	1,987,469	3,300,424
8	Canada .....	1,308,652	1,570,789	11,105,188	13,248,994
	<u>Industrial</u>				
9	New Brunswick .....	-	-	-	-
10	Quebec .....	2,243	2,243	2,880,664	1,380,010
11	Ontario .....	7,542	7,542	14,462,185	7,713,543
12	Manitoba .....	296	296	1,248,651	364,471
13	Saskatchewan .....	610	610	3,766,522	916,765
14	Alberta .....	809	809	9,934,870	1,802,501
15	British Columbia .....	317	317	4,556,893	1,681,715
16	Canada .....	11,817	11,817	36,849,785	13,859,005
17	Firm .....	11,272	11,272	28,970,027	10,944,292
18	Interruptible .....	545	545	7,879,758	2,914,713
	<u>Commercial</u>				
19	New Brunswick .....	60	60	1,235	2,719
20	Quebec .....	10,254	10,254	373,736	485,801
21	Ontario .....	61,308	61,308	3,176,509	2,771,876
22	Manitoba .....	9,334	9,334	589,798	430,875
23	Saskatchewan .....	16,125	16,125	592,429	359,535
24	Alberta .....	29,274	29,274	2,948,596	1,147,725
25	British Columbia .....	24,762	24,762	921,662	879,849
26	Canada .....	151,117	151,117	8,603,965	6,078,380
	<u>Total sales</u>				
27	New Brunswick .....	1,877	1,877	3,665	11,279
28	Quebec .....	213,871	213,871	3,941,280	3,309,765
29	Ontario .....	758,992	758,992	21,083,349	15,375,339
30	Manitoba .....	115,059	115,059	2,675,878	1,595,114
31	Saskatchewan .....	136,158	136,158	5,358,335	2,206,390
32	Alberta .....	288,887	288,887	16,030,407	4,826,504
33	British Columbia .....	218,879	218,879	7,466,024	5,861,988
34	Canada .....	1,733,723	1,733,723	56,558,938	33,186,379

... Figures not appropriate or not applicable.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		October 1968		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Residential .....	13,612	49,091	106,581
2	Industrial .....	8	595	1,116
3	Commercial .....	2,217	35,493	49,605
4	Total .....	15,837	85,179	157,302

TABLE 6. Sales of Natural Gas

October 1968		October 1967				No.
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.35	3.52	131	1,912	2,376	9,169	1
3.41	2.10	88,642	202,214	464,160	1,063,629	2
4.99	1.42	522,778	664,695	4,402,703	5,908,448	3
7.94	0.96	96,557	99,130	764,519	773,610	4
8.37	0.93	107,333	111,766	760,085	749,509	5
12.16	0.60	243,370	245,732	2,278,520	1,480,351	6
10.26	1.66	162,164	182,033	1,690,506	2,603,197	7
7.07	1.19	1,220,975	1,507,482	10,362,869	12,587,913	8
-	-	-	-	-	-	9
1,284	0.48	-	2,224	2,283,076	1,436,744	10
1,917	0.53	-	7,262	12,029,216	6,580,659	11
4,218	0.29	-	288	1,242,942	358,346	12
6,174	0.24	-	582	3,142,945	750,449	13
12,280	0.18	-	718	9,252,212	1,732,097	14
14,375	0.37	-	288	3,624,792	1,533,719	15
3,118	0.38	-	11,362	31,575,183	12,392,014	16
...	...	-	10,827	25,322,658	9,897,986	17
...	...	-	535	6,252,525	2,494,038	18
20.6	2.20	-	60	1,293	2,619	19
36.4	1.30	-	10,098	373,164	395,328	20
51.8	0.87	-	57,917	3,219,929	2,925,545	21
63.1	0.73	-	8,807	562,656	426,316	22
36.7	0.61	-	14,722	420,983	266,525	23
100.7	0.39	-	27,587	2,264,849	982,058	24
37.2	0.95	-	23,440	747,055	807,009	25
56.9	0.71	-	142,631	7,582,929	5,805,400	26
19.5	3.08	-	1,972	3,669	11,788	27
18.4	0.84	-	214,536	3,120,400	2,895,701	28
27.8	0.73	-	729,874	19,644,848	15,414,652	29
23.3	0.60	-	108,225	2,570,117	1,558,272	30
39.4	0.41	-	127,070	4,324,013	1,766,493	31
55.5	0.30	-	274,037	13,795,581	4,194,506	32
34.1	0.79	-	205,761	6,062,353	4,943,925	33
32.6	0.59	-	1,661,475	49,520,981	30,785,337	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

October 1968				No.
Manufactured gas				
Customers	Gas sold		Revenue	
No.	Mcf.		\$	
1,610	6,476		8,231	1
18	58,738		1,982	2
452	2,405		26,534	3
2,080	67,619		36,747	4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot.

	October 1968			
	Residential	Industrial	Commercial	Total
	Mcf.			
<u>Sales</u>				
New Brunswick .....	2,932	-	1,490	4,422
Quebec .....	697,593	2,920,288	379,390	3,997,271
Ontario .....	3,267,988	14,424,431	3,428,777	21,121,196
Manitoba .....	843,863	1,258,527	594,051	2,696,441
Saskatchewan .....	1,016,741	3,831,880	603,217	5,451,838
Alberta .....	3,344,566	10,437,592	3,153,397	16,935,555
British Columbia .....	1,696,904	5,200,129	970,300	7,867,333
Canada .....	10,870,587	38,072,847	9,130,622	58,074,056

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	October 1968						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	126,809	404,355	10,877,740	3,182,007	42,183,287	56,774,198	498,394,277
Imports .....	-	3,874,759	-	8,198	-	3,882,957	72,364,177

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	October 1968	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	67,635	32,982



TABLE 11. Exports and Imports to and from the United States

October 1968

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	125,429	-
Ontario - Cornwall .....	399,955	-
Niagara Falls .....	-	3,499,511
Ojibway .....	-	316,706
Total Ontario .....	399,955	3,816,217
Manitoba - Emerson .....	10,738,144	-
Alberta - Aden .....	1,424,668	-
Carway .....	1,705,912	-
Coutts .....	49	8,198
Total Alberta .....	3,130,629	8,198
British Columbia - Kingsgate - U.S.A. District V South(1) .....	20,544,751	-
Other U.S.A. ....	4,631,053	-
Huntingdon .....	14,657,329	-
Total British Columbia .....	39,833,133	-
Canada - October 1968 .....	54,227,290	3,824,415
October 1967 .....	42,991,558	7,628,057
Year to date - 1968 .....	491,665,751	71,489,036
1967 .....	414,553,563	51,640,753
Value - October 1968 .....	13,877,929	1,744,522
1967 .....	11,192,423	4,153,775

(1) California, Nevada, Arizona.



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## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 10, No. 11

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

NOVEMBER 1968

During November field gathering systems and processing plants delivered to gas utilities 133,179,121 Mcf. of natural gas. The transport systems accounted for 106,253,667 Mcf. and the distribution systems 26,925,454 Mcf. Natural gas imported from the U.S.A. was 5,701,642 Mcf. and the volume recovered from storage was 4,397,404 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume	% of total supply	% increase over November 1967	Revenue	% of total revenue
	'000 Mcf.			\$'000	
Ultimate customers .....	69,615	48.6	10.3	44,985	75.9
Exports .....	55,357	38.6	16.4	14,285	24.1
Other uses and adjustments .....	18,345	12.8	18.3	...	...
Totals .....	143,317	100.0	13.6	59,270	100.0

... Figures not appropriate or not applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 88.1 billion commodity (Mcf.) miles (2,009 million ton miles) during November compared with 74.4 billion (Mcf.) miles (1,697 million ton miles) last year. The daily average deliveries of gas utilities amounted to 4.3 million Mcf.

Alberta natural gas utilities receipts totalled 107.5 billion cubic feet; of this 17.2 per cent was sold to ultimate customers in Alberta, 16.9 per cent in Ontario, 4.1 per cent in Quebec, 3.3 per cent in Saskatchewan, 1.2 per cent in British Columbia and 3.9 per cent in Manitoba. Exports accounted for 39.0 per cent and the remaining 14.4 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during compared to the same month for the previous year. Details are contained in the following table.

Sales category	Sales	% of total sales	% increase over November 1967	Revenue	% of sales revenue	Number of customers
	'000 Mcf.			\$'000		'000
Residential .....	19,312	27.7	6.0	20,745	46.1	1,589
Industrial .....	36,323	52.2	12.0	14,481	32.2	12
Commercial .....	13,980	20.1	12.4	9,759	21.7	154
Totals .....	69,615	100.0	10.3	44,985	100.0	1,755

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustment.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

March 1969  
6503-509

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TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1968

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	<u>By transport systems</u>			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	<u>By distribution systems</u>			
2a	Fields .....	8,490	10,947	1,037,521
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	8,490	10,947	1,037,521
4	Imports .....	-	-	5,690,613
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	8,490	10,947	6,728,134
7	Received from storage .....	-	-	3,567,776
9	Total supply of gas utilities (6 + 7) .....	8,490	10,947	10,295,910
	<u>Transfers from</u>			
11	Other provinces .....	-	4,647,021	32,082,413
12	Distribution to transport (primary) .....	-	-	748,280
13	Other gas utilities .....	-	4,184,397	34,377,847
19	Total gross receipts (9 + 11 + 12 + 13) ...	8,490	8,842,365	77,504,450
	<u>Disposition</u>			
	<u>Sales</u>			
20	Residential .....	3,113	1,379,735	7,403,738
21	Industrial .....	-	2,461,892	15,465,556
22	Commercial .....	1,987	567,116	5,597,678
30	Total sales (20 + 21 + 22) .....	5,100	4,408,743	28,466,972
31	Exports .....	-	139,412	515,326
32	Other deliveries .....	-	-	2,185
33	Total net deliveries (30 + 31 + 32) .....	5,100	4,548,155	28,984,483
34	Delivered to storage .....	-	-	1,618,280
35	Line pack fluctuation .....	-	- 2,450	30,833
36	Gas used in system .....	-	9,363	2,410,096
37	Line losses and unaccounted for .....	3,390	102,900	4,687,610
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,490	4,657,968	37,731,302
	<u>Transfers to</u>			
40	Other provinces .....	-	-	4,647,021
41	Distribution by transport (primary) .....	-	4,177,084	29,011,453
42	Other gas utilities .....	-	7,313	6,114,674
49	Total disposition (39 + 40 + 41 + 42) .....	8,490	8,842,365	77,504,450

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1968

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	November 1967 <sup>F</sup>	No.
					Canada	
Mcf.						
-	-	8,890,459	485,641	9,376,100	7,286,184	1a
-	-	75,958,653	20,918,914	96,877,567	79,582,904	1b
-	2,398,529	12,102,654	-	15,558,141	10,452,421	2a
-	1,205,702	10,066,849	94,762	11,367,313	12,918,187	2b
-	3,604,231	107,018,615	21,499,317	133,179,121	110,239,696	3
-	-	11,029	-	5,701,642	9,428,005	4
35,801	-	3,156	177	39,134	1,319	5
35,801	3,604,231	107,032,800	21,499,494	138,919,897	119,669,020	6
-	432,898	396,730	-	4,397,404	6,488,147	7
35,801	4,037,129	107,429,530	21,499,494	143,317,301	126,157,167	9
49,208,511	54,302,620	-	27,463,142	...	...	11
-	2,858,540	1,620,012	-	5,226,832	4,166,027	12
4,789,948	3,381,907	6,766,650	7,918,604	61,419,353	54,375,932	13
54,034,260	64,580,196	115,816,192	56,881,240	209,963,486	184,699,126	19
1,605,466	1,680,974	4,625,778	2,613,110	19,311,914	18,218,519	20
1,429,683	4,016,325	9,621,049	3,328,256	36,322,761	32,437,842	21
1,150,791	1,026,012	4,240,680	1,396,360	13,980,624	12,439,448	22
4,185,940	6,723,311	18,487,507	7,337,726	69,615,299	63,095,809	30
11,925,018	-	3,330,262	39,446,705	55,356,723	47,556,409	31
-	6,433	956,218	-	964,836	175,893	32
16,110,958	6,729,744	22,773,987	46,784,431	125,936,858	110,828,111	33
-	49,116	1,938	-	1,669,334	926,605	34
567,946(2)	131,916	37,287	16,242	781,774	- 329,794	35
- 405,821	1,105,912	744,113	1,746,088	5,609,751	5,191,869	36
888,816	1,114,550	2,106,443	415,875	9,319,584	9,540,376	37
17,161,899	9,131,238	25,663,768	48,962,636	143,317,301	126,157,167	39
32,082,413	49,208,511	81,765,762	-	...	...	40
4,789,948	3,381,907	213,957	7,769,197	49,343,546	40,894,562	41
-	2,858,540	8,172,705	149,407	17,302,639	17,647,397	42
54,034,260	64,580,196	115,816,192	56,881,240	209,963,486	184,699,126	49

(2) Includes line pack fluctuation in U.S.A.

<sup>F</sup> Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

No.		January	February	March	April	May
				Mcf.		
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	8,488,859	7,473,927	6,497,664	6,786,420	4,941,927
1b	Processing plants .....	92,137,690	87,505,605	90,636,294	81,536,215	80,655,552
2	<u>By distribution systems</u>					
2a	Fields .....	15,919,170	14,240,778	12,300,564	12,295,629	11,379,895
2b	Processing plants .....	15,001,003	14,603,637	14,235,623	11,085,214	9,897,117
3	Total (1 + 2) .....	131,546,722	123,823,947	123,670,145	111,703,478	106,874,491
4	Imports .....	6,173,198	6,574,121	9,137,563	8,023,099	7,772,695
5	Other receipts(1) .....	76,688	103,056	59,198	50,491	9,813
6	Total net receipts (3 + 4 + 5) .....	137,796,608	130,501,124	132,866,906	119,777,068	114,656,999
7	Received from storage .....	15,026,932	12,593,881	3,669,569	1,699,586	463,232
9	Total supply of gas utilities (6 + 7) .....	152,823,540	143,095,005	136,536,475	121,476,654	115,120,231
	<u>Transfers from</u>					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	8,795,580	8,311,240	4,811,010	7,876,540	4,714,484
13	Other gas utilities .....	58,989,428	55,926,797	57,213,966	46,414,522	46,497,993
19	Total gross receipts (9 + 11 + 12 + 13) ...	220,608,548	207,333,042	198,561,451	175,767,716	166,332,708
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	36,331,980	32,452,548	27,842,494	19,905,413	13,524,418
21	Industrial .....	32,916,942	33,059,807	33,774,234	32,396,655	34,944,543
22	Commercial .....	22,129,036	19,574,100	16,879,171	13,013,115	9,601,219
30	Total sales (20 + 21 + 22) .....	91,377,958	85,086,455	78,495,899	65,315,183	58,070,180
31	Exports .....	52,092,912	49,270,614	52,521,009	48,402,731	47,994,970
32	Other deliveries .....	123,294	1,074,591	1,187,280	258,805	48,811
33	Total net deliveries (30 + 31 + 32) .....	143,594,164	135,431,660	132,204,188	113,976,719	106,113,961
34	Delivered to storage .....	176,929	175,363	2,651,498	5,296,028	5,383,128
35	Line pack fluctuation .....	547,540	- 57,692	738,663	- 226,267	- 96,726
36	Gas used in system .....	6,386,066	5,834,189	4,762,417	4,958,274	4,878,126
37	Line losses and unaccounted for .....	2,118,841	1,711,485	- 3,820,291	- 2,528,100	- 1,158,258
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	152,823,540	143,095,005	136,536,475	121,476,654	115,120,231
	<u>Transfers to</u>					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	45,820,006	43,350,902	44,897,540	41,092,001	39,307,349
42	Other gas utilities .....	21,965,002	20,887,135	17,127,436	13,199,061	11,905,128
49	Total disposition (39 + 40 + 41 + 42) .....	220,608,548	207,333,042	198,561,451	175,767,716	166,332,708

(1) Includes peak shaving and enrichment.  
r Revised figures.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1968

June	July	August	September	October	November	December	Year to date		No.
							1968	1967 <sup>r</sup>	
Mcf.									
6,769,820 74,266,361	6,083,905 74,631,376	6,669,045 79,030,897	6,292,088 77,089,802	8,101,786 87,659,348	9,376,100 96,877,567		77,481,541 922,026,707	70,495,640 782,967,036	1a 1b
9,053,119 9,316,363	8,175,950 9,348,161	8,374,756 9,645,021	10,698,681 9,085,450	13,848,985 11,052,939	15,558,141 11,367,313		131,845,668 124,637,841	102,145,984 135,465,485	2a 2b
99,405,663	98,239,392	103,719,719	103,166,021	120,663,058	133,179,121		1,255,991,757	1,091,074,145	3
8,065,550 1,891	9,174,890 3,211	7,088,369 3,101	5,655,136 3,219	3,824,415 4,343	5,701,642 39,134		77,190,678 354,145	61,068,758 54,262	4 5
107,473,104	107,417,493	110,811,189	108,824,376	124,491,816	138,919,897		1,333,536,580	1,152,197,165	6
36,050	22,221	52,223	231,469	4,637,911	4,397,404		42,830,478	41,462,408	7
107,509,154	107,439,714	110,863,412	109,055,845	129,129,727	143,317,301		1,376,367,058	1,193,659,573	9
6,945,068 41,108,519	6,187,058 44,897,320	3,634,794 51,630,444	6,379,495 41,031,576	3,555,542 49,640,928	5,226,832 61,419,353		66,437,643 554,770,846	49,261,917 523,588,762	11 12 13
155,562,741	158,524,092	166,128,650	156,466,916	182,326,197	209,963,486		1,997,575,547	1,766,510,252	19
8,582,922 32,184,916 6,018,319	5,307,919 31,242,163 4,274,920	4,856,899 33,110,249 4,485,479	6,476,550 33,790,304 5,759,917	11,105,188 36,849,785 8,603,965	19,311,914 36,322,761 13,980,624		185,698,245 370,592,359 124,319,865	177,679,912 326,863,625 114,704,127	20 21 22
46,786,157	40,825,002	42,452,627	46,026,771	56,558,938	69,615,299		680,610,469	619,247,664	30
45,997,382 28,077	46,405,884 93,347	47,424,400 32,622	47,328,559 39,180	54,227,290 977,893	55,356,723 964,836		547,022,474 4,828,736	462,109,972 892,279	31 32
92,811,616	87,324,233	89,909,649	93,394,510	111,764,121	125,936,858		1,232,461,679	1,082,249,915	33
10,616,304 131,822 4,144,072 - 194,660	13,327,279 - 191,144 4,164,092 2,815,254	10,605,703 346,540 4,479,961 5,521,559	5,437,900 - 184,341 4,616,387 5,791,389	1,808,289 231,629 5,865,601 9,460,087	1,669,334 781,774 5,609,751 9,319,584		57,147,755 2,021,798 55,698,936 29,036,890	52,183,006 380,388 49,344,722 10,262,307	34 35 36 37
107,509,154	107,439,714	110,863,412	109,055,845	129,129,727	143,317,301		1,376,367,058	1,193,659,573	39
35,900,928 12,152,659	36,222,672 14,861,706	36,154,804 19,110,434	33,531,715 13,879,356	39,128,627 14,067,843	49,343,546 17,302,639		444,750,090 176,458,399	402,423,361 170,427,318	40 41 42
155,562,741	158,524,092	166,128,650	156,466,916	182,326,197	209,963,486		1,997,575,547	1,766,510,252	49

... Figures not appropriate or not applicable.

<sup>F</sup> Revised figures.

TABLE 3. Receipts and Disposition of Natural Gas by Source

November 1968

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	<u>By transport systems</u>								
1a	Fields .....	-	-	-	-	8,890,459	485,641	-	9,376,100
1b	Processing plants .....	-	-	-	-	75,958,653	20,918,914	-	96,877,567
2	<u>By distribution systems</u>								
2a	Fields .....	8,490	10,947	1,037,521	2,398,529	12,102,654	-	-	15,558,141
2b	Processing plants .....	-	-	-	1,205,702	10,066,849	94,762	-	11,367,313
3	Total (1 + 2) .....	8,490	10,947	1,037,521	3,604,231	107,018,615	21,499,317	-	133,179,121
4	Imports .....	-	-	-	-	-	-	5,701,642	5,701,642
5	Other receipts(1) .....	-	-	-	-	38,957	177	-	39,134
6	Total net receipts (3 + 4 + 5) .....	8,490	10,947	1,037,521	3,604,231	107,057,572	21,499,494	5,701,642	138,919,897
7	Received from storage .....	-	-	3,567,776	432,898	396,730	-	-	4,397,404
9	Total supply of gas utilities (6 + 7) .....	8,490	10,947	4,605,297	4,037,129	107,454,302	21,499,494	5,701,642	143,317,301
	<u>Disposition</u>								
	<u>Sales</u>								
23	British Columbia .....	-	-	-	-	1,285,981	6,051,745	-	7,337,726
24	Alberta .....	-	-	-	-	18,476,659	-	10,848	18,487,507
25	Saskatchewan .....	-	-	-	3,181,598	3,541,713	-	-	6,723,311
26	Manitoba .....	-	-	-	-	4,185,940	-	-	4,185,940
27	Ontario .....	-	-	4,642,061	-	18,134,298	-	5,690,613	28,466,972
28	Quebec .....	-	10,947	-	-	4,397,796	-	-	4,408,743
29	New Brunswick .....	5,100	-	-	-	-	-	-	5,100
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	5,100	10,947	4,642,061	3,181,598	50,022,387	6,051,745	5,701,461	69,615,299
31	Exports .....	-	-	-	-	41,876,818	13,479,905	-	55,356,723
32	Other deliveries .....	-	-	-	-	964,836	-	-	964,836
33	Total net deliveries (30 + 31 + 32) .....	5,100	10,947	4,642,061	3,181,598	92,864,041	19,531,650	5,701,461	125,936,858
34	Delivered to storage .....	-	-	-	49,116	1,620,218	-	-	1,669,334
35	Line pack fluctuation .....	-	-	-	31,708	748,550	1,516	-	781,774
36	Gas used in system .....	-	-	27,569	160,200	3,894,514	1,527,468	-	5,609,751
37	Line losses and unaccounted for .....	3,390	-	64,333	614,507	8,326,979	438,860	181	9,319,584
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,490	10,947	4,605,297	4,037,129	107,454,302	21,499,494	5,701,642	143,317,301

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

November 1968

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
<u>Daily sendouts (Mcf.)</u>			
November 1968			
Daily average .....	3,490,009	2,320,510	4,253,540
Maximum(1) .....	4,108,059	...	...
Minimum(1) .....	2,530,187	...	...
Exports maximum(1) .....	2,249,275	...	...
November 1967			
Daily average .....	2,949,098	2,103,194	3,726,056
Maximum(1) .....	3,354,590	...	...
Minimum(1) .....	2,630,675	...	...
Year to date 1968			
Daily average .....	2,647,977	1,823,866	3,468,666
Maximum(1) .....	4,108,059	..	..
Minimum(1) .....	2,098,891	..	..
<u>Commodity miles</u>			
Mcf. miles (thousands) .....	88,093,217	..	..
Ton-miles (millions) .....	2,009	..	..
<u>Line pack</u>			
Beginning of month (Mcf.) .....	8,410,814	..	..
End of month (Mcf.) .....	8,585,145	..	..
Operating revenues .....	\$ ..	44,985,376	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

November 1968

	Manufactured	Liquefied petroleum gases
Mcf.		
Gas receipts .....	63,799	102,856
Deliveries to ultimate customers .....	62,778	85,647
Line pack fluctuations .....	-	-
Gas used in system .....	-	528
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	1,021	16,681
Total disposition .....	63,799	102,856
Daily average sendout .....	2,126	3,428
Revenues .....	\$ 39,258	147,251

TABLE 6. Sales of Natural Gas

No.		November 1968			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	<u>Residential</u>				
1	New Brunswick .....	130	1,822	3,113	10,478
2	Quebec .....	97,999	201,738	1,379,735	2,114,931
3	Ontario .....	519,791	702,170	7,403,738	9,182,407
4	Manitoba .....	103,833	106,396	1,605,466	1,392,109
5	Saskatchewan .....	115,236	119,998	1,680,974	1,322,336
6	Alberta .....	258,226	260,854	4,625,778	2,507,286
7	British Columbia .....	177,656	196,472	2,613,110	4,215,469
8	Canada .....	1,272,871	1,589,450	19,311,914	20,745,016
	<u>Industrial</u>				
9	New Brunswick .....	-	-	-	-
10	Quebec .....	2,266	2,266	2,461,892	1,429,671
11	Ontario .....	7,647	7,647	15,465,556	8,735,092
12	Manitoba .....	299	299	1,429,683	405,075
13	Saskatchewan .....	607	607	4,016,325	1,053,108
14	Alberta .....	710	710	9,621,049	1,582,373
15	British Columbia .....	305	305	3,328,256	1,276,145
16	Canada .....	11,834	11,834	36,322,761	14,481,464
17	Firm .....	11,213	11,213	32,954,598	7,828,174
18	Interruptible .....	621	621	3,368,163	6,653,290
	<u>Commercial</u>				
19	New Brunswick .....	60	60	1,987	4,205
20	Quebec .....	10,410	10,410	567,116	666,294
21	Ontario .....	62,894	62,894	5,597,678	4,853,974
22	Manitoba .....	9,455	9,455	1,150,791	735,992
23	Saskatchewan .....	16,282	16,282	1,026,012	578,172
24	Alberta .....	29,512	29,512	4,240,680	1,602,634
25	British Columbia .....	25,287	25,287	1,396,360	1,317,625
26	Canada .....	153,900	153,900	13,980,624	9,758,896
	<u>Total sales</u>				
27	New Brunswick .....	1,882	1,882	5,100	14,683
28	Quebec .....	214,414	214,414	4,408,743	4,210,896
29	Ontario .....	772,711	772,711	28,466,972	22,771,473
30	Manitoba .....	116,150	116,150	4,185,940	2,533,176
31	Saskatchewan .....	136,887	136,887	6,723,311	2,953,616
32	Alberta .....	291,076	291,076	18,487,507	5,692,293
33	British Columbia .....	222,064	222,064	7,337,726	6,809,239
34	Canada .....	1,755,184	1,755,184	69,615,299	44,985,376

... Figures not appropriate or not applicable.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		November 1968		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Residential .....	12,660	39,857	84,414
2	Industrial .....	8	706	1,166
3	Commercial .....	2,253	45,084	61,671
4	Total .....	14,921	85,647	147,251

TABLE 6. Sales of Natural Gas

November 1967						
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.7	3.36	131	1,912	3,062	10,346	1
6.8	1.53	90,697	203,269	714,837	1,394,077	2
10.5	1.24	529,231	671,383	7,781,723	9,618,505	3
15.1	0.87	97,930	100,501	1,573,161	1,400,324	4
14.1	0.79	108,718	113,204	1,669,382	1,287,058	5
17.7	0.54	242,586	284,031	4,161,648	2,262,640	6
13.3	1.61	164,677	185,545	2,314,706	3,461,970	7
12.2	1.07	1,233,970	1,523,845	18,218,519	19,434,920	8
-	-	-	-	-	-	9
1,086	0.58		2,236	2,299,080	1,757,412	10
2,022	0.56		7,336	13,192,570	7,613,574	11
4,782	0.28		291	1,167,144	354,665	12
6,617	0.26		579	3,320,658	847,351	13
13,551	0.16		676	9,017,128	1,708,664	14
10,912	0.18		278	3,441,262	1,421,621	15
3,069	0.40		11,396	32,437,842	13,703,287	16
			11,048	26,862,325	11,502,942	17
			348	5,575,517	2,200,345	18
33.1	2.12		60	1,392	3,345	19
54.5	1.17		10,074	500,112	542,306	20
89.0	0.87		58,433	5,035,536	4,552,094	21
121.7	0.64		8,972	1,163,485	822,346	22
63.0	0.56		15,083	932,463	520,059	23
143.7	0.38		27,418	3,668,397	1,419,223	24
55.2	0.94		23,896	1,138,063	1,325,312	25
90.8	0.70		143,936	12,439,448	9,184,685	26
2.7	2.88		1,972	4,454	13,691	27
20.6	0.96		215,579	3,514,029	3,693,795	28
36.8	0.80		737,152	26,009,829	21,784,173	29
36.0	0.61		109,764	3,903,790	2,577,335	30
34.5	0.44		218,867	5,922,503	2,654,468	31
63.5	0.31		276,125	16,847,173	5,390,527	32
33.0	0.93		209,719	6,894,031	6,208,903	33
39.7	0.65		1,679,277	63,095,809	42,322,892	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

November 1968				
Manufactured gas				
Customers	Gas sold		Revenue	No.
No.	Mcf.		\$	
1,617	8,575		11,756	1
18	43,366		15,240	2
478	10,837		12,262	3
2,113	62,778		39,258	4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	November 1968			
	Residential	Industrial	Commercial	Total
	Mcf.			
<u>Sales</u>				
New Brunswick .....	3,756	-	2,398	6,154
Quebec .....	1,403,793	2,503,177	576,610	4,483,580
Ontario .....	7,482,655	15,640,759	5,657,325	28,780,739
Manitoba .....	1,620,604	1,440,194	1,163,993	4,224,791
Saskatchewan .....	1,738,688	4,155,237	1,061,087	6,955,012
Alberta .....	4,895,595	10,085,810	4,515,864	19,497,269
British Columbia .....	2,739,459	3,483,863	1,461,157	7,686,479
Canada .....	19,884,550	37,311,040	14,438,434	71,634,024

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	November 1968						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	140,806	520,479	12,080,043	3,368,509	41,250,622	57,360,459	555,754,736
Imports .....	-	5,720,428	-	4,252	-	5,724,680	78,088,857

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	November 1968	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	61,461	30,332



TABLE 11. Exports and Imports to and from the United States

November 1968

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	319,412	-
Ontario - Cornwall .....	515,326	-
Niagara Falls .....	-	4,051,515
Ojibway .....	-	1,639,098
Total Ontario .....	515,326	5,690,613
Manitoba - Emerson .....	11,925,018	-
Alberta - Aden .....	1,710,170	-
Carway .....	1,620,012	-
Coutts .....	80	11,029
Total Alberta .....	3,330,262	11,029
British Columbia - Kingsgate - U.S.A. District V South(1) .....	20,309,959	-
Other U.S.A. ....	4,133,064	-
Huntingdon .....	15,003,682	-
Total British Columbia .....	39,446,705	-
Canada - November 1968 .....	55,356,723	5,701,642
1967 .....	47,556,409	9,428,005
Year to date - 1968 .....	547,022,474	77,190,678
1967 .....	462,131,931	61,068,758
Value - November 1968 .....	14,285,499	1,838,518
1967 .....	12,127,378	4,006,292

(1) California, Nevada, Arizona.



CATALOGUE No.

55-002

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 10, No. 12

Price: 20 cents, \$2.00 a year

GAS UTILITIES

(Transport and Distribution Systems)

DECEMBER 1968

During December field gathering systems and processing plants delivered to gas utilities 149,849,104 Mcf. of natural gas. The transport systems accounted for 114,087,142 Mcf. and the distribution systems 35,761,962 Mcf. Natural gas imported from the U.S.A. was 4,363,397 Mcf. and the volume recovered from storage was 11,569,779 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over December 1967	Revenue \$'000	% of total revenue
Ultimate customers .....	85,235	51.4	12.5	57,852	80.0
Exports .....	57,423	34.6	12.3	14,489	20.0
Other uses and adjustments .....	23,261	14.0	...	...	...
Totals .....	165,919	100.0	17.1	72,341	100.0

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 92.8 billion commodity (Mcf.) miles (2,116 million ton miles) during December compared with 81.8 billion (Mcf.) miles (1,864 million ton miles) last year. The daily average deliveries of gas utilities amounted to 4.7 million Mcf.

Alberta natural gas utilities receipts totalled 121.0 billion cubic feet; of this 19.3 per cent was sold to ultimate customers in Alberta, 17.7 per cent in Ontario, 4.0 per cent in Quebec, 3.3 per cent in Saskatchewan, 1.3 per cent in British Columbia and 4.2 per cent in Manitoba. Exports accounted for 36.2 per cent and the remaining 14.0 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during December compared to the same month for the previous year. Details are contained in the following table.

Sales category	Sales '000 Mcf.	% of total sales	% increase over December 1967	Revenue \$'000	% of sales revenue	Number of customers '000
Residential .....	29,594	34.7	12.4	29,383	50.8	1,620
Industrial .....	35,968	42.2	10.8	14,653	25.3	12
Commercial .....	19,673	23.1	15.8	13,816	23.9	158
Totals .....	85,235	100.0	12.5	57,852	100.0	1,790

Table 6A and 7A contain the total 1968 Natural Gas sales and revenues by province. The total 1968 Natural Gas sales were 765,786,814 Mcf. up 10.2 per cent from 695,022,860 Mcf. in 1967. The residential sector consumed 5.2 per cent more than the previous year; the commercial sales were 9.3 per cent higher and sales to industrial consumers increased by 13.2 per cent.

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

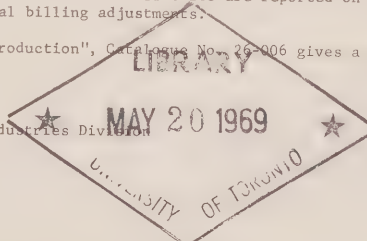
April 1969  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1968

No.		New Brunswick	Quebec	Ontario
			Mcf.	
	<u>Receipts</u>			
1	<u>By transport systems</u>			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	<u>By distribution systems</u>			
2a	Fields .....	9,581	15,138	1,187,263
2b	Processing plants .....	-	-	-
3	Total (1 + 2) .....	9,581	15,138	1,187,263
4	Imports .....	-	-	4,345,770
5	Other receipts(1) .....	-	-	329
6	Total net receipts (3 + 4 + 5) .....	9,581	15,138	5,533,362
7	Received from storage .....	-	-	9,615,093
9	Total supply of gas utilities (6 + 7) .....	9,581	15,138	15,148,455
	<u>Transfers from</u>			
11	Other provinces .....	-	5,190,039	33,962,414
12	Distribution to transport (primary) .....	-	-	663,082
13	Other gas utilities .....	-	4,734,510	37,984,977
19	Total gross receipts (9 + 11 + 12 + 13) ...	9,581	9,939,687	87,758,928
	<u>Disposition</u>			
	<u>Sales</u>			
20	Residential .....	3,733	2,004,465	12,051,008
21	Industrial .....	-	2,141,816	15,070,418
22	Commercial .....	2,666	720,362	8,222,096
30	Total sales (20 + 21 + 22) .....	6,399	4,866,643	35,343,522
31	Exports .....	-	199,012	513,727
32	Other deliveries .....	-	-	3,095
33	Total net deliveries (30 + 31 + 32) .....	6,399	5,065,655	35,860,344
34	Delivered to storage .....	-	-	603,235
35	Line pack fluctuation .....	-	12,680	63,760
36	Gas used in system .....	-	20,539	2,117,948
37	Line losses and unaccounted for .....	3,182	106,303	5,275,543
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,581	5,205,177	43,920,830
	<u>Transfers to</u>			
40	Other provinces .....	-	-	5,190,039
41	Distribution by transport (primary) .....	-	4,723,551	29,424,319
42	Other gas utilities .....	-	10,959	9,223,740
49	Total disposition (39 + 40 + 41 + 42) .....	9,581	9,939,687	87,758,928

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1968

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	December <sup>r</sup> 1967	No.
					Canada	
Mcf.						
-	-	10,043,253	439,933	10,483,186	8,250,330	1a
-	-	80,864,331	22,739,625	103,603,956	88,940,595	1b
-	3,080,777	16,070,632	-	20,363,391	14,261,257	2a
-	2,091,688	13,157,373	149,510	15,398,571	14,531,838	2b
-	5,172,465	120,135,589	23,329,068	149,849,104	125,984,020	3
-	-	17,627	-	4,363,397	9,394,094	4
87,769	-	4,788	43,774	136,660	14,620	5
87,769	5,172,465	120,158,004	23,372,842	154,349,161	135,392,734	6
-	1,146,088	808,598	-	11,569,779	6,305,105	7
87,769	6,318,553	120,966,602	23,372,842	165,918,940	141,697,839	9
52,489,580	57,849,227	-	30,328,235	...	...	11
-	3,793,517	1,622,769	-	6,079,368	4,803,705	12
6,262,325	4,328,794	8,092,771	9,434,976	70,838,353	61,935,157	13
58,839,674	72,290,091	130,682,142	63,136,053	242,836,661	208,436,701	19
2,379,093	2,542,712	6,723,638	3,889,329	29,593,978	26,324,808	20
1,135,291	4,237,363	10,722,137	2,660,706	35,967,731	32,467,607	21
1,525,454	1,480,397	5,937,845	1,784,034	19,672,854	16,982,781	22
5,039,838	8,260,472	23,383,620	8,334,069	85,234,563	75,775,196	30
11,238,369	-	3,435,005	42,036,634	57,422,747	51,121,411	31
-	15,116	1,957,279	-	1,975,490	108,387	32
16,278,207	8,275,588	28,775,904	50,370,703	144,632,800	127,004,994	33
-	6,685	-	-	609,920	480,936	34
382,493	218,960	22,342	27,213	727,448	18,026	35
502,389	1,094,329	842,198	2,116,913	6,694,316	6,104,590	36
1,451,846	2,082,638	3,148,696	1,186,248	13,254,456	8,089,293	37
18,614,935	11,678,200	32,789,140	53,701,077	165,918,940	141,697,839	39
33,962,414	52,489,580	88,177,462	-	...	...	40
6,262,325	4,328,794	342,273	9,212,054	54,293,316	46,265,134	41
-	3,793,517	9,373,267	222,922	22,624,405	20,473,728	42
58,839,674	72,290,091	130,682,142	63,136,053	242,836,661	208,436,701	49

... Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities 1968<sup>r</sup>

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	8,488,859	7,473,927	6,497,664	6,786,420	4,941,927
1b	Processing plants .....	90,952,070	87,505,605	87,892,790	78,847,295	77,965,932
2	<u>By distribution systems</u>					
2a	Fields .....	15,919,170	14,240,778	12,299,703	12,295,629	11,379,895
2b	Processing plants .....	15,001,003	14,603,637	14,235,623	11,085,214	9,897,117
3	Total (1 + 2) .....	130,361,102	123,823,947	120,925,780	109,014,558	104,184,871
4	Imports .....	6,173,198	6,574,121	9,137,564	8,023,099	7,772,695
5	Other receipts(1) .....	76,688	103,056	59,198	50,491	9,813
6	Total net receipts (3 + 4 + 5) .....	136,610,988	130,501,124	130,122,542	117,088,148	111,967,379
7	Received from storage .....	15,026,932	12,593,881	4,996,699	1,699,586	463,232
9	Total supply of gas utilities (6 + 7) .....	151,637,920	143,095,005	135,119,241	118,787,734	112,430,611
	<u>Transfers from</u>					
11	Other provinces .....	...	...	...	...	...
12	Distribution to transport (primary) .....	8,795,580	8,311,240	4,811,010	7,876,540	4,714,484
13	Other gas utilities .....	58,989,428	55,926,797	57,214,827	46,414,522	46,497,993
19	Total gross receipts (9 + 11 + 12 + 13) .....	219,422,928	207,333,042	197,145,078	173,078,796	163,643,088
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	36,331,980	32,452,548	27,842,494	19,197,119	13,524,418
21	Industrial .....	32,916,942	33,059,807	33,774,234	33,105,949	34,944,543
22	Commercial .....	22,129,218	19,574,100	16,879,171	13,013,115	9,601,219
30	Total sales (20 + 21 + 22) .....	91,378,140	85,086,455	78,495,899	65,316,183	58,070,180
31	Exports .....	52,092,912	49,270,614	52,521,009	48,402,731	47,994,970
32	Other deliveries .....	123,294	1,074,591	1,186,419	258,805	48,811
33	Total net deliveries (30 + 31 + 32) .....	143,594,346	135,431,660	132,203,327	113,977,719	106,113,961
34	Delivered to storage .....	176,929	175,363	2,651,498	5,296,028	5,383,128
35	Line pack fluctuation .....	547,540	- 57,692	738,663	- 226,267	- 96,726
36	Gas used in system .....	6,386,066	5,834,189	4,760,483	4,958,274	4,878,126
37	Line losses and unaccounted for .....	933,039	1,711,485	- 5,234,730	- 5,218,020	- 3,847,878
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	151,637,920	143,095,005	135,119,241	118,787,734	112,430,611
	<u>Transfers to</u>					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	45,820,006	43,350,902	44,897,540	41,092,001	39,307,349
42	Other gas utilities .....	21,965,002	20,887,135	17,128,297	13,199,061	11,905,128
49	Total disposition (39 + 40 + 41 + 42) .....	219,422,928	207,333,042	197,145,078	173,078,796	163,643,088

(1) Includes peak shaving and enrichment.

<sup>r</sup> Revised figures.



TABLE 2. Receipts and Disposition of Natural Gas Utilities 1968<sup>F</sup>

June	July	August	September	October	November	December	Year to date		No.
							1968	1967	
Mcf.									
6,769,820 71,662,078	6,083,905 71,911,711	6,669,045 76,329,487	6,292,088 74,543,700	8,101,786 87,811,361	9,376,100 96,877,567	10,483,186 103,603,956	87,964,727 1,005,903,552	78,745,970 871,907,631	1a 1b
9,053,119 9,316,363	8,175,950 9,348,161	8,374,756 9,645,021	10,698,681 9,085,450	13,848,985 11,052,939	15,558,141 11,367,313	20,363,391 15,398,571	152,208,198 140,036,412	116,407,241 149,997,323	2a 2b
96,801,380	95,519,727	101,018,309	100,619,919	120,815,071	133,179,121	149,849,104	1,386,112,889	1,217,058,165	3
8,065,550 1,891	9,174,890 3,211	7,088,369 3,101	5,655,136 3,219	3,824,415 4,343	5,701,642 39,134	4,363,397 136,660	81,554,076 490,805	70,462,852 68,882	4 5
104,868,821	104,697,828	108,109,779	106,278,274	124,643,829	138,919,897	154,349,161	1,468,157,770	1,287,589,899	6
36,050	22,221	52,223	231,469	4,637,911	4,397,404	11,569,779	55,727,387	47,767,513	7
104,904,871	104,720,049	108,162,002	106,509,743	129,281,740	143,317,301	165,918,940	1,523,885,157	1,335,357,412	9
...	...	...	...	...	...	...	...	...	11
6,945,068	6,187,058	3,634,794	3,356,521	3,555,542	5,226,832	6,079,368	69,494,037	54,065,622	12
41,108,519	44,837,920	51,630,444	44,054,550	49,640,928	61,419,353	70,838,353	628,573,634	585,523,919	13
152,958,458	155,745,027	163,427,240	153,920,814	182,478,210	209,963,486	242,836,661	2,221,952,828	1,974,946,953	19
8,582,922	5,307,919	4,856,899	6,476,550	11,105,188	19,311,914	29,593,978	214,583,929	204,004,720	20
32,184,916	31,182,763	33,110,249	33,790,304	36,849,785	36,322,761	35,967,731	407,209,984	359,331,232	21
6,018,319	4,274,920	4,485,479	5,759,917	8,603,965	13,980,624	19,672,854	143,992,901	131,686,908	22
46,786,157	40,765,602	42,452,627	46,026,771	56,558,938	69,615,299	85,234,563	765,786,814	695,022,860	30
45,997,382 28,077	46,405,884 93,347	47,424,400 32,622	47,328,559 39,180	54,227,290 977,893	55,356,723 964,836	57,422,747 1,975,490	604,445,221 6,803,365	513,231,383 1,000,666	31 32
92,811,616	87,264,833	89,909,649	93,394,510	111,764,121	125,936,858	144,632,800	1,377,035,400	1,209,254,909	33
10,616,304	13,327,279	10,605,703	5,437,900	1,808,289	1,669,334	609,920	57,757,675	52,663,942	34
131,822	- 191,144	346,540	- 184,341	231,629	781,774	727,448	2,749,246	- 362,352	35
4,144,072	4,164,092	4,479,961	4,616,387	5,865,601	5,609,751	6,694,316	62,391,318	55,449,312	36
- 2,798,943	154,989	2,820,149	3,245,287	9,612,100	9,319,584	13,254,456	23,951,518	18,351,601	37
104,904,871	104,720,049	108,162,002	106,509,743	129,281,740	143,317,301	165,918,940	1,523,885,157	1,335,357,412	39
...	...	...	...	...	...	...	...	...	40
35,900,928	36,222,672	36,154,804	33,531,715	39,128,627	49,343,546	54,293,316	499,043,406	448,688,495	41
12,152,659	14,802,306	19,110,434	13,879,356	14,067,843	17,302,639	22,624,405	199,024,265	190,901,046	42
152,958,458	155,745,027	163,427,240	153,920,814	182,478,210	209,963,486	242,836,661	2,221,952,828	1,974,946,953	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

December 1968

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	<u>By transport systems</u>								
1a	Fields .....	-	-	-	-	10,043,253	439,933	-	10,483,186
1b	Processing plants .....	-	-	-	-	80,864,331	22,739,625	-	103,603,956
2	<u>By distribution systems</u>								
2a	Fields .....	9,581	15,138	1,187,263	3,080,777	16,070,632	-	-	20,363,391
2b	Processing plants .....	-	-	-	2,091,688	13,157,373	149,510	-	15,398,571
3	Total (1 + 2) .....	9,581	15,138	1,187,263	5,172,465	120,135,589	23,329,068	-	149,849,104
4	Imports .....	-	-	-	-	-	-	4,363,397	4,363,397
5	Other receipts(1) .....	-	-	329	-	92,557	43,774	-	136,660
6	Total net receipts (3 + 4 + 5) .....	9,581	15,138	1,187,592	5,172,465	120,228,146	23,372,842	4,363,397	154,349,161
7	Received from storage .....	-	-	9,615,093	1,146,088	808,598	-	-	11,569,779
9	Total supply of gas utilities (6 + 7) .....	9,581	15,138	10,802,685	6,318,553	121,036,744	23,372,842	4,363,397	165,918,940
	<u>Disposition</u>								
	<u>Sales</u>								
23	British Columbia .....	-	-	-	-	1,579,826	6,754,243	-	8,334,069
24	Alberta .....	-	-	-	-	23,365,563	-	18,057	23,383,620
25	Saskatchewan .....	-	-	-	4,244,939	4,015,533	-	-	8,260,472
26	Manitoba .....	-	-	-	-	5,039,838	-	-	5,039,838
27	Ontario .....	-	-	9,613,141	-	21,384,611	-	4,345,770	35,343,522
28	Quebec .....	-	15,138	-	-	4,851,505	-	-	4,866,643
29	New Brunswick .....	6,399	-	-	-	-	-	-	6,399
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	6,399	15,138	9,613,141	4,244,939	60,236,876	6,754,243	4,363,827	85,234,563
31	Exports .....	-	-	-	-	43,780,088	13,642,659	-	57,422,747
32	Other deliveries .....	-	-	-	-	1,975,490	-	-	1,975,490
33	Total net deliveries (30 + 31 + 32) .....	6,399	15,138	9,613,141	4,244,939	105,992,454	20,396,902	4,363,827	144,632,800
34	Delivered to storage .....	-	-	-	6,685	603,235	-	-	609,920
35	Line pack fluctuation .....	-	-	-	11,740	679,640	36,068	-	727,448
36	Gas used in system .....	-	-	44,109	263,428	4,537,028	1,849,751	-	6,694,316
37	Line losses and unaccounted for .....	3,182	-	1,145,435	1,791,761	9,224,387	1,090,121	- 430	13,254,456
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,581	15,138	10,802,685	6,318,553	121,036,744	23,372,842	4,363,397	165,918,940

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

December 1968

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
<u>Daily sendouts (Mcf.)</u>			
December 1968:			
Daily average .....	3,603,744	2,749,502	4,685,249
Maximum(1) .....	4,031,053	...	...
Minimum(1) .....	3,233,165	...	...
Exports maximum(1) .....	1,946,271	...	...
December 1967:			
Daily average .....	3,141,501	2,444,530	4,112,478
Maximum(1) .....	3,514,922	...	...
Minimum(1) .....	2,899,351	...	...
Year to date 1968:			
Daily average .....	3,014,996	2,092,473	3,920,361
Maximum(1) .....	4,108,059	...	...
Minimum(1) .....	2,098,891	...	...
<u>Commodity miles</u>			
Mcf. miles (thousands) .....	92,807,146	...	..
Ton-miles (millions) .....	2,116	...	..
<u>Line pack</u>			
Beginning of month (Mcf.) .....	8,585,145	..	..
End of month (Mcf.) .....	8,933,830	..	..
Operating revenues .....	\$ ..	57,852,398	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

December 1968

	Manufactured	Liquefied petroleum gases
Mcf.		
Gas receipts .....	92,012	127,813
Deliveries to ultimate customers .....	87,560	109,926
Line pack fluctuations .....	-	-
Gas used in system .....	-	1,467
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	4,452	16,420
Total disposition .....	92,012	127,813
Daily average sendout .....	2,968	4,123
Revenues .....	\$ 43,046	189,079

TABLE 6. Sales of Natural Gas

No.		December 1968			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	<u>Residential</u>				
1	New Brunswick .....	130	1,811	3,733	12,134
2	Quebec .....	109,241	202,648	2,004,465	2,971,415
3	Ontario .....	570,625	706,589	12,051,008	14,437,137
4	Manitoba .....	104,826	107,215	2,379,093	1,971,243
5	Saskatchewan .....	116,401	121,212	2,542,712	1,810,536
6	Alberta .....	259,534	262,730	6,723,638	3,352,286
7	British Columbia .....	178,834	196,992	3,889,329	4,828,056
8	Canada .....	1,339,591	1,599,197	29,593,978	29,382,807
	<u>Industrial</u>				
9	New Brunswick .....	-	-	-	-
10	Quebec .....	2,265	2,265	2,141,816	1,437,410
11	Ontario .....	7,828	7,828	15,070,418	8,868,463
12	Manitoba .....	295	295	1,135,291	337,627
13	Saskatchewan .....	611	611	4,237,363	1,103,682
14	Alberta .....	529	529	10,722,137	1,951,700
15	British Columbia .....	283	283	2,660,706	954,591
16	Canada .....	11,811	11,811	35,967,731	14,653,473
17	Firm .....		11,187	26,188,957	11,206,400
18	Interruptible .....		624	9,778,774	3,447,073
	<u>Commercial</u>				
19	New Brunswick .....	60	60	2,666	5,307
20	Quebec .....	10,398	10,398	720,362	832,308
21	Ontario .....	64,077	64,077	8,222,096	7,247,225
22	Manitoba .....	9,560	9,560	1,525,454	1,065,375
23	Saskatchewan .....	16,659	16,659	1,480,397	805,057
24	Alberta .....	29,970	29,970	5,937,845	2,198,352
25	British Columbia .....	25,278	25,278	1,784,034	1,662,494
26	Canada .....	156,002	156,002	19,672,854	13,816,118
	<u>Total sales</u>				
27	New Brunswick .....	1,871	1,871	6,399	17,441
28	Quebec .....	215,311	215,311	4,866,643	5,241,133
29	Ontario .....	778,494	778,494	35,343,522	30,552,825
30	Manitoba .....	117,070	117,070	5,039,838	3,374,245
31	Saskatchewan .....	138,482	138,482	8,260,472	3,719,275
32	Alberta .....	293,229	293,229	23,383,620	7,502,338
33	British Columbia .....	222,553	222,553	8,334,069	7,445,141
34	Canada .....	1,767,010	1,767,010	85,234,563	57,852,398

... Figures not appropriate or not applicable.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		December 1968		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Residential .....	11,536	58,769	117,734
2	Industrial .....	9	365	734
3	Commercial .....	2,270	50,792	70,611
4	Total .....	13,815	109,926	189,079

TABLE 6. Sales of Natural Gas

December 1968			December 1967			No.
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
2.06	3.25	131	1,915	3,611	12,026	1
8.97	1.48	91,736	203,597	1,113,342	1,763,011	2
17.05	1.20	533,675	663,959	11,485,592	13,784,405	3
22.19	0.83	99,121	100,692	2,152,542	1,531,426	4
20.98	0.71	109,986	114,530	2,382,238	1,686,714	5
25.59	0.50	243,919	249,629	6,022,371	3,016,024	6
19.74	1.24	167,630	187,497	3,165,112	4,623,015	7
18.27	0.99	1,246,198	1,521,819	26,324,808	26,416,621	8
-	-	-	-	-	-	9
863	0.67	-	2,235	1,962,944	1,572,293	10
1,925	0.59	-	7,185	12,349,580	7,470,112	11
3,848	0.30	-	288	1,179,096	341,891	12
6,935	0.26	-	583	3,727,011	939,675	13
20,268	0.18	-	523	9,978,755	1,851,177	14
9,402	0.36	-	261	3,270,221	1,402,579	15
2,991	0.41	-	11,075	32,467,607	13,577,727	16
2,415	0.43	-	10,554	26,892,090	11,377,382	17
8,156	0.35	-	521	5,575,517	2,200,345	18
44.4	1.99	-	60	2,218	4,580	19
60.2	1.16	-	10,133	561,888	605,284	20
128.3	0.88	-	58,645	6,730,898	6,035,615	21
159.6	0.70	-	9,151	1,544,298	1,093,031	22
88.9	0.54	-	15,401	1,335,504	719,844	23
198.1	0.37	-	28,002	5,236,202	2,071,063	24
70.6	0.93	-	24,257	1,571,773	1,801,166	25
124.9	0.70	-	145,649	16,982,781	12,330,583	26
3.4	2.72	-	1,975	5,829	16,606	27
20.5	1.08	-	215,965	3,638,174	3,940,588	28
45.3	0.86	-	729,789	30,566,070	27,290,132	29
43.0	0.67	-	110,131	4,875,936	2,966,348	30
59.7	0.45	-	130,514	7,444,753	3,346,233	31
79.7	0.32	-	278,154	21,237,328	6,938,264	32
37.4	0.89	-	212,015	8,007,106	7,826,760	33
47.6	0.68	-	1,678,543	75,775,196	52,324,931	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

December 1968				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
1,608	6,671	8,122	1	
18	71,025	23,619	2	
475	9,864	11,305	3	
2,101	87,560	43,046	4	

TABLE 6A. Sales of Natural Gas, 1968<sup>F</sup>

	Gas sold	Revenue
	Mcf.	\$
<b>Residential</b>		
New Brunswick .....	40,491	137,537
Quebec .....	11,397,497	20,852,510
Ontario .....	91,587,533	111,781,532
Manitoba .....	17,735,633	15,861,219
Saskatchewan .....	20,889,858	15,930,381
Alberta .....	49,960,154	27,491,933
British Columbia .....	22,972,763	34,379,171
Canada .....	214,583,929	226,434,283
<b>Industrial</b>		
New Brunswick .....	-	-
Quebec .....	27,282,837	15,046,617
Ontario .....	158,846,831	89,416,319
Manitoba .....	15,178,041	4,482,706
Saskatchewan .....	48,262,934	12,069,606
Alberta .....	108,061,486	19,912,946
British Columbia .....	49,577,855	17,984,836
Canada .....	407,209,984	158,913,030
<b>Commercial</b>		
New Brunswick .....	23,635	49,306
Quebec .....	5,481,490	6,799,474
Ontario .....	57,447,151	52,336,103
Manitoba .....	12,329,188	8,495,154
Saskatchewan .....	11,851,895	6,647,813
Alberta .....	42,914,003	16,479,912
British Columbia .....	13,945,539	14,612,359
Canada .....	143,992,901	105,420,121
<b>Total sales</b>		
New Brunswick .....	64,126	186,843
Quebec .....	44,161,824	42,698,601
Ontario .....	307,881,515	253,533,954
Manitoba .....	43,242,862	28,839,079
Saskatchewan .....	81,004,687	34,647,800
Alberta .....	200,935,643	63,884,791
British Columbia .....	86,496,157	66,976,366
Canada .....	765,786,814	490,767,434

<sup>F</sup> Revised figures.

TABLE 7A. Sales of Liquefied Petroleum Gases and Manufactured Gas, 1968<sup>F</sup>

	Liquefied petroleum gases		Manufactured gases	
	Gas sold	Revenue	Gas sold	Revenue
	Mcf.	\$	Mcf.	\$
Residential .....	613,206	1,268,269	94,947	126,295
Industrial .....	4,890	9,522	357,641	124,220
Commercial .....	489,115	686,217	117,268	142,927
Totals .....	1,107,211	1,964,008	569,856	393,442

<sup>F</sup> Revised figures.



TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	December 1968			
	Residential	Industrial	Commercial	Total
	Mcf.			
<u>Sales</u>				
New Brunswick .....	4,480	-	3,199	7,679
Quebec .....	2,072,154	2,211,898	743,575	5,027,627
Ontario .....	12,277,810	15,370,229	8,381,822	36,029,861
Manitoba .....	2,419,634	1,150,594	1,552,271	5,122,499
Saskatchewan .....	2,556,517	4,260,369	1,488,435	8,305,321
Alberta .....	7,090,094	11,084,575	6,287,152	24,461,821
British Columbia .....	4,059,844	2,772,948	1,857,829	8,690,621
Canada .....	30,480,533	36,850,613	20,314,283	87,645,429

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	December 1968						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	204,385	524,002	11,541,805	3,472,789	43,907,626	59,650,607	612,405,343
Imports .....	-	4,388,519	-	17,627	-	4,406,146	82,495,003

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	December 1968	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	85,798	43,149

TABLE 11. Exports and Imports to and from the United States

December 1968

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	199,012	-
Ontario - Cornwall .....	513,727	-
Niagara Falls .....	-	2,733,266
Ojibway .....	-	1,612,504
Total Ontario .....	513,727	4,345,770
Manitoba - Emerson .....	11,238,369	-
Alberta - Aden .....	1,812,140	-
Carway .....	1,622,795	-
Coutts .....	70	17,627
Total Alberta .....	3,435,005	17,627
British Columbia - Kingsgate - U.S.A. District V South(1) .....	22,388,652	-
Other U.S.A. ....	4,552,390	-
Huntingdon .....	15,095,592	-
Total British Columbia .....	42,036,634	-
Canada - December 1968 .....	57,422,747	4,363,397
1967 .....	51,121,411	9,394,094
Year to date - 1968(2) .....	604,445,221	81,554,076
1967(2) .....	513,231,383	70,462,852
Value - December 1968 .....	14,489,304	2,008,224
1967 .....	13,068,895	1,314,218

(1) California, Nevada, Arizona.

(2) Twelve months total.

CATALOGUE No.

55-002

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

LIBRARY

JUN - 9 1969

Vol. 11, No. 1

Price: 20 cents, \$2.00 a year

## GAS UTILITIES

(Transport and Distribution Systems)

JANUARY 1969

During January field gathering systems and processing plants delivered to gas utilities 153,564,294 Mcf. of Natural gas. The transport systems accounted for 114,117,074 Mcf. and the distribution systems 39,447,220 Mcf. Natural gas imported from the U.S.A. was 2,968,411 Mcf. and the volume recovered from storage was 17,417,972 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume	% of total supply	% increase over January 1968	Revenue	% of total revenue
	'000 Mcf.			\$'000	
Ultimate customers .....	105,515	60.6	15.5	73,619	83.1
Exports .....	58,034	33.3	11.4	15,009	16.9
Other uses and adjustments .....	10,706	6.1	14.4	...	...
Totals .....	174,255	100.0	14.9	88,628	100.0

... Figures not appropriate or applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 93.3 billion commodity (Mcf.) miles (2,126 million ton miles) during January compared with 83.5 billion (Mcf.) miles (1,903 million ton miles) last year. The daily average deliveries of gas utilities amounted to 5.3 million Mcf.

Alberta natural gas utilities receipts totalled 123.2 billion cubic feet; of this 24.5 per cent was sold to ultimate customers in Alberta, 19.4 per cent in Ontario, 3.9 per cent in Quebec, 3.8 per cent in Saskatchewan, 1.3 per cent in British Columbia and 5.6 per cent in Manitoba. Exports accounted for 36.2 per cent and the remaining 5.3 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during January compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales	% of total sales	% increase over January 1968	Revenue	% of sales revenue	Number of customers
	'000 Mcf.			\$'000		'000
Residential .....	41,725	39.5	14.8	39,779	54.0	1,605
Industrial .....	37,312	35.4	13.4	15,656	21.3	12
Commercial .....	26,478	25.1	19.7	18,184	24.7	158
Totals .....	105,515	100.0	15.4	73,619	100.0	1,775

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

May 1969  
6503-509

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TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1969

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
1	<u>By transport systems</u>			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	<u>By distribution systems</u>			
2a	Fields .....	11,429	13,947	1,239,066
2b	Processing plants .....	-	-	4,111
3	Total (1 + 2) .....	11,429	13,947	1,243,177
4	Imports .....	-	-	2,945,216
5	Other receipts(1) .....	-	-	769
6	Total net receipts (3 + 4 + 5) .....	11,429	13,947	4,189,162
7	Received from storage .....	-	-	14,756,105
9	Total supply of gas utilities (6 + 7) ....	11,429	13,947	18,945,267
	<u>Transfers from</u>			
11	Other provinces .....	-	5,141,849	30,837,463
12	Distribution to transport (primary) .....	-	-	619,760
13	Other gas utilities .....	-	4,661,181	36,813,232
19	Total gross receipts (9 + 11 + 12 + 13) ...	11,429	9,816,977	87,215,722
	<u>Disposition</u>			
	<u>Sales</u>			
20	Residential .....	4,232	1,881,057	17,065,483
21	Industrial .....	-	2,092,963	15,616,944
22	Commercial .....	3,093	904,840	10,204,823
30	Total sales (20 + 21 + 22) .....	7,325	4,878,860	42,887,250
31	Exports .....	-	212,426	465,826
32	Other deliveries .....	-	-	3,941
33	Total net deliveries (30 + 31 + 32) .....	7,325	5,091,286	43,357,017
34	Delivered to storage .....	-	-	594,512
35	Line pack fluctuation .....	-	- 6,937	- 52,120
36	Gas used in system .....	-	13,926	2,499,128
37	Line losses and unaccounted for .....	4,104	57,521	- 1,757,656
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	11,429	5,155,796	44,640,881
	<u>Transfers to</u>			
40	Other provinces .....	-	-	5,141,849
41	Distribution by transport (primary) .....	-	4,652,251	26,912,790
42	Other gas utilities .....	-	8,930	10,520,202
49	Total disposition (39 + 40 + 41 + 42) ....	11,429	9,816,977	87,215,722

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

January 1969

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	January 1968	No.
					Canada	
Mcf.						
-	-	10,146,656	499,318	10,645,974	8,488,859	1a
-	-	79,370,365	24,100,735	103,471,100	90,952,070	1b
-	3,473,689	19,078,694	-	23,816,825	15,919,170	2a
-	2,018,412	13,432,815	175,057	15,630,395	15,001,003	2b
-	5,492,101	122,028,530	24,775,110	153,564,294	130,361,102	3
-	-	23,195	-	2,968,411	6,173,198	4
289,472	-	5,864	8,684	304,789	76,688	5
289,472	5,492,101	122,057,589	24,783,794	156,837,494	136,610,988	6
-	1,785,378	876,489	-	17,417,972	15,026,932	7
289,472	7,277,479	122,934,078	24,783,794	174,255,466	151,637,920	9
49,236,672	54,445,929	-	30,563,615	...	...	11
-	3,588,270	1,775,075	-	5,983,105	8,795,580	12
6,696,895	4,313,108	8,402,669	11,095,928	71,983,013	58,989,428	13
56,223,039	69,624,786	133,111,822	66,443,337	252,221,584	219,422,928	19
3,447,766	4,078,367	10,623,654	4,624,520	41,725,079	36,331,980	20
957,806	4,481,702	11,280,143	2,882,230	37,311,788	32,916,942	21
2,482,031	2,015,736	8,307,770	2,560,017	26,478,310	22,129,218	22
6,887,603	10,575,805	30,211,567	10,066,767	105,515,177	91,378,140	30
11,600,526	-	3,590,444	42,164,568	58,033,790	52,092,912	31
-	19,801	1,436,008	-	1,459,750	123,294	32
18,488,129	10,595,606	35,238,019	52,231,335	165,008,717	143,594,346	33
-	100,899	-	-	695,411	176,929	34
- 348,755	- 186,972	- 5,911	- 47,204	- 647,899	547,540	35
583,636	1,261,536	826,960	2,202,840	7,388,026	6,386,066	36
- 34,329	715,667	1,865,466	960,438	1,811,211	933,039	37
18,688,681	12,486,736	37,924,534	55,347,409	174,255,466	151,637,920	39
30,837,463	49,236,672	85,009,544	-	...	...	40
6,696,895	4,313,108	503,632	10,829,792	53,908,468	45,820,006	41
-	3,588,270	9,674,112	266,136	24,057,650	21,965,002	42
56,223,039	69,624,786	133,111,822	66,443,337	252,221,584	219,422,928	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1969

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	10,645,974				
1b	Processing plants .....	103,471,100				
2	<u>By distribution systems</u>					
2a	Fields .....	23,816,825				
2b	Processing plants .....	15,630,395				
3	Total (1 + 2) .....	153,564,294				
4	Imports .....	2,968,411				
5	Other receipts(1) .....	304,789				
6	Total net receipts (3 + 4 + 5) .....	156,837,494				
7	Received from storage .....	17,417,972				
9	Total supply of gas utilities (6 + 7) ....	174,255,466				
	<u>Transfers from</u>					
11	Other provinces .....	...				
12	Distribution to transport (primary) .....	5,983,105				
13	Other gas utilities .....	71,983,013				
19	Total gross receipts (9 + 11 + 12 + 13) ...	252,221,584				
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	41,725,079				
21	Industrial .....	37,311,788				
22	Commercial .....	26,478,310				
30	Total sales (20 + 21 + 22) .....	105,515,177				
31	Exports .....	58,033,790				
32	Other deliveries .....	1,459,750				
33	Total net deliveries (30 + 31 + 32) .....	165,008,717				
34	Delivered to storage .....	695,411				
35	Line pack fluctuation .....	- 647,899				
36	Gas used in system .....	7,388,026				
37	Line losses and unaccounted for .....	1,811,211				
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	174,255,466				
	<u>Transfers to</u>					
40	Other provinces .....	...				
41	Distribution by transport (primary) .....	53,908,468				
42	Other gas utilities .....	24,057,650				
49	Total disposition (39 + 40 + 41 + 42) ....	252,221,584				

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.



June	July	August	September	October	November	December	Year to date	
								No.
								1a
								1b
								2a
								2b
								3
								4
								5
								6
								7
								9
								11
								12
								13
								19
								20
								21
								22
								30
								31
								32
								33
								34
								35
								36
								37
								39
								40
								41
								42
								49

TABLE 3. Receipts and Disposition of Natural Gas by Source

January 1969

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	<u>By transport systems</u>								
1a	Fields .....	-	-	-	-	10,146,656	499,318	-	10,645,974
1b	Processing plants .....	-	-	-	-	79,370,365	24,100,735	-	103,471,100
2	<u>By distribution systems</u>								
2a	Fields .....	11,429	13,947	1,239,066	3,473,689	19,078,694	-	-	23,816,825
2b	Processing plants .....	-	-	4,111	2,018,412	13,432,815	175,057	-	15,630,395
3	Total (1 + 2) .....	11,429	13,947	1,243,177	5,492,101	122,028,530	24,775,110	-	153,564,294
4	Imports .....	-	-	-	-	-	-	2,968,411	2,968,411
5	Other receipts(1) .....	-	-	769	-	295,336	8,684	-	304,789
6	Total net receipts (3 + 4 + 5) .....	11,429	13,947	1,243,946	5,492,101	122,323,866	24,783,794	2,968,411	156,837,494
7	Received from storage .....	-	-	14,756,105	1,785,378	876,489	-	-	17,417,972
9	Total supply of gas utilities (6 + 7) .....	11,429	13,947	16,000,051	7,277,479	123,200,355	24,783,794	2,968,411	174,255,466
	<u>Disposition</u>								
	<u>Sales</u>								
23	British Columbia .....	-	-	-	-	1,574,459	8,492,308	-	10,066,767
24	Alberta .....	-	-	-	-	30,188,721	-	22,846	30,211,567
25	Saskatchewan .....	-	-	-	5,925,337	4,650,468	-	-	10,575,805
26	Manitoba .....	-	-	-	-	6,887,603	-	-	6,887,603
27	Ontario .....	-	-	16,069,714	-	23,872,320	-	2,945,216	42,887,250
28	Quebec .....	-	13,947	-	-	4,864,913	-	-	4,878,860
29	New Brunswick .....	7,325	-	-	-	-	-	-	7,325
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	7,325	13,947	16,069,714	5,925,337	72,038,484	8,492,308	2,968,062	105,515,177
31	Exports .....	-	-	-	-	44,598,764	13,435,026	-	58,033,790
32	Other deliveries .....	-	-	-	-	1,459,750	-	-	1,459,750
33	Total net deliveries (30 + 31 + 32) .....	7,325	13,947	16,069,714	5,925,337	118,096,998	21,927,334	2,968,062	165,008,717
34	Delivered to storage .....	-	-	-	100,899	594,512	-	-	695,411
35	Line pack fluctuation .....	-	-	-	- 17,582	- 584,676	- 45,641	-	- 647,899
36	Gas used in system .....	-	-	36,592	297,997	5,101,024	1,952,413	-	7,388,026
37	Line losses and unaccounted for .....	4,104	-	- 106,255	970,828	- 7,503	949,688	349	1,811,211
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	11,429	13,947	16,000,051	7,277,479	123,200,355	24,783,794	2,968,411	174,255,466

(1) Includes peak shaving and enrichment.

TABLE 4. Operating Statistics: Natural Gas Utilities

January 1969

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
<u>Daily sendouts (Mcf.)</u>			
January 1969			
Daily average .....	3,611,041	3,403,715	5,345,294
Maximum(1) .....	3,996,922	...	...
Minimum(1) .....	3,330,349	...	...
Exports maximum(1) .....	1,966,687	...	...
January 1968			
Daily average .....	3,151,481	2,947,691	4,637,777
Maximum(1) .....	3,494,251	...	...
Minimum(1) .....	3,026,002	...	...
Year to date 1969			
Daily average .....	3,611,041	3,403,715	5,345,294
Maximum(1) .....	3,996,922	...	...
Minimum(1) .....	3,330,349	...	...
<u>Commodity miles</u>			
Mcf. miles (thousands) .....	93,256,244	..	..
Ton-miles (millions) .....	2,126	..	..
<u>Line pack</u>			
Beginning of month (Mcf.) .....	8,933,830	..	..
End of month (Mcf.) .....	8,612,127	..	..
Operating revenues .....	\$ ..	73,619,921	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

January 1969

	Manufactured	Liquefied petroleum gases
Mcf.		
Gas receipts .....	68,589	162,515
Deliveries to ultimate customers .....	70,872	128,838
Line pack fluctuations .....	-	-
Gas used in system .....	-	1,362
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	2,283	32,315
Total disposition .....	68,589	162,515
Daily average sendout .....	2,212	5,242
Revenues .....	\$ 44,831	215,161

TABLE 6. Sales of Natural Gas

No.		January 1969			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	<u>Residential</u>				
1	New Brunswick .....	130	1,790	4,232	13,868
2	Quebec .....	101,218	203,872	1,881,057	2,598,730
3	Ontario .....	580,759	709,814	17,065,483	19,573,700
4	Manitoba .....	104,633	106,979	3,447,766	2,769,697
5	Saskatchewan .....	116,464	121,275	4,078,367	2,656,732
6	Alberta .....	262,709	264,106	10,623,654	4,962,888
7	British Columbia .....	179,290	197,211	4,624,520	7,203,805
8	Canada .....	1,345,203	1,605,047	41,725,079	39,779,420
	<u>Industrial</u>				
9	New Brunswick .....	-	-	-	-
10	Quebec .....	-	-	-	-
11	Ontario .....	2,277	2,277	2,092,963	1,461,573
12	Manitoba .....	8,101	8,101	15,616,944	9,658,037
13	Saskatchewan .....	294	294	957,806	317,540
14	Alberta .....	613	613	4,481,702	1,183,334
15	British Columbia .....	530	530	11,280,143	2,015,462
16	Canada .....	231	231	2,882,230	1,020,457
			12,046	37,311,788	15,656,403
17	Firm .....		11,436	35,514,452	11,647,890
18	Interruptible .....		610	1,797,336	4,008,513
	<u>Commercial</u>				
19	New Brunswick .....	65	65	3,093	6,186
20	Quebec .....	10,370	10,370	904,840	1,028,765
21	Ontario .....	64,886	64,886	10,204,823	9,082,348
22	Manitoba .....	10,438	10,438	2,482,031	1,523,802
23	Saskatchewan .....	16,792	16,792	2,015,736	1,086,559
24	Alberta .....	30,214	30,214	8,307,770	3,088,279
25	British Columbia .....	25,419	25,419	2,560,017	2,368,159
26	Canada .....		158,184	26,478,310	18,184,098
	<u>Total sales</u>				
27	New Brunswick .....	1,855	1,855	7,325	20,054
28	Quebec .....	216,519	216,519	4,878,860	5,089,068
29	Ontario .....	782,801	782,801	42,887,250	38,314,085
30	Manitoba .....	117,711	117,711	6,887,603	4,611,039
31	Saskatchewan .....	138,680	138,680	10,575,805	4,926,625
32	Alberta .....	294,850	294,850	30,211,567	10,066,629
33	British Columbia .....	222,861	222,861	10,066,767	10,592,421
34	Canada .....		1,775,277	105,515,177	73,619,921

... Figures not appropriate or not applicable.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		January 1969		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Residential .....	11,240	61,685	123,850
2	Industrial .....	7	290	580
3	Commercial .....	2,272	66,863	90,731
4	Total .....	13,519	128,838	215,161

TABLE 6. Sales of Natural Gas

Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
2.3	3.28	131	1,212	4,967	16,200	1
9.2	1.38	93,129	204,713	1,624,703	2,516,465	2
24.0	1.15	543,887	677,789	15,706,438	18,279,064	3
32.2	1.80	99,545	102,119	3,306,576	2,794,197	4
33.6	0.65	110,987	116,416	3,650,964	2,391,063	5
40.2	0.47	245,169	250,841	8,697,119	4,105,088	6
23.4	1.56	168,166	187,789	3,341,213	4,732,215	7
26.0	0.95	1,261,014	1,540,879	36,331,980	34,834,292	8
-	-	-	-	-	-	9
919	0.70		2,395	1,843,374	1,730,794	10
1,927	0.62		7,425	13,141,205	8,200,359	11
3,258	0.33		288	1,074,435	336,810	12
7,311	0.26		586	4,078,459	1,064,946	13
21,283	0.18		562	9,724,860	1,927,257	14
12,477	0.35		221	3,054,609	1,287,327	15
3,097	0.42		11,477	32,916,942	14,547,493	16
...	...		10,387	24,805,904	11,854,957	17
...	...		1,090	8,111,038	2,692,536	18
47.6	2.00		60	3,204	6,403	19
87.3	1.14		10,173	695,126	855,883	20
157.2	0.89		59,736	8,229,658	7,472,953	21
237.8	0.61		9,242	2,272,112	1,431,337	22
120.0	0.54		15,956	2,038,209	1,069,830	23
275.0	0.37		28,278	6,978,257	2,530,167	24
100.7	0.93		24,291	1,912,652	2,130,792	25
167.4	0.69		147,736	22,129,218	15,497,365	26
3.9	2.74		1,272	8,171	22,603	27
22.5	1.04		217,281	4,163,203	5,103,142	28
54.8	0.89		744,950	37,077,301	33,952,376	29
58.5	0.67		111,649	6,653,123	4,562,344	30
76.3	0.47		132,958	9,767,632	4,525,839	31
102.5	0.33		279,681	25,400,236	8,562,512	32
45.1	1.05		212,301	8,308,474	8,150,334	33
59.4	0.70		1,700,092	91,378,140	64,879,150	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

January 1969			
Manufactured gas			
Customers	Gas sold	Revenue	No.
No.	Mcf.	\$	
1,587	10,098	13,327	1
18	47,542	16,557	2
480	13,232	14,947	3
2,085	70,872	44,831	4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	January 1969			
	Residential	Commercial	Industrial	Total
<u>Sales</u>	Mcf.			
New Brunswick .....	5,106	3,732	-	8,838
Quebec .....	1,916,701	921,670	2,133,619	4,971,990
Ontario .....	17,309,566	10,344,776	15,840,995	43,495,337
Manitoba .....	3,486,358	2,512,863	965,542	6,964,763
Saskatchewan .....	4,100,510	2,026,680	4,506,035	10,633,225
Alberta .....	11,197,691	8,783,526	11,774,002	31,755,219
British Columbia .....	4,831,390	2,669,964	3,011,672	10,513,026
Canada .....	42,847,322	27,263,211	38,231,865	108,342,398

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	January 1969						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	214,975	471,416	11,739,732	3,628,250	44,074,505	60,128,878	60,128,878
Imports .....	-	2,998,230	-	23,195	-	3,021,425	3,021,425

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	January 1969	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	96,659	34,286



TABLE 11. Exports and Imports to and from the United States

January 1969

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	212,426	-
Ontario - Cornwall .....	465,826	-
Niagara Falls .....	-	2,945,216
Ojibway .....	-	-
Total Ontario .....	465,826	2,945,216
Manitoba - Emerson .....	11,600,526	-
Alberta - Aden .....	1,815,319	-
Carway .....	1,775,105	-
Coutts .....	20	23,195
Total Alberta .....	3,590,444	23,195
British Columbia - Kingsgate - U.S.A. District V South(1) .....	22,636,528	-
Other U.S.A. ....	4,640,081	-
Huntingdon .....	14,887,959	-
Total British Columbia .....	42,164,568	-
Canada - January 1969 .....	58,033,790	2,968,411
1968 .....	52,092,912	6,173,198
Year to date - 1969 .....	58,033,790	2,968,411
1968 .....	52,092,912	6,173,198
Value - January 1969 .....	15,009,321	1,666,822
1968 .....	13,416,422	2,829,684

(1) California, Nevada, Arizona.



CATALOGUE No.

55-002

MONTHLY

## DOMINION BUREAU OF STATISTICS

LIBRARY

OTTAWA - CANADA

JUN 20 1969

Published by Authority of the Minister of Trade and Commerce

UNIVERSITY OF TORONTO

Vol. 11, No. 2

Price: 20 cents, \$2.00 a year

## GAS UTILITIES

(Transport and Distribution Systems)

FEBRUARY 1969

During February field gathering systems and processing plants delivered to gas utilities 139,086,135 Mcf. of natural gas. The transport systems accounted for 108,237,286 Mcf. and the distribution systems 30,848,849 Mcf. Natural gas imported from the U.S.A. was 2,582,203 Mcf. and the volume recovered from storage was 10,028,714 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over February 1968	Revenue \$'000	% of total revenue
Ultimate customers .....	95,361	62.7	12.1	65,542	82.6
Exports .....	53,394	35.1	8.4	13,837	17.4
Other uses and adjustments .....	3,330	2.2	...	...	...
Totals .....	152,085	100.0	6.3	79,379	100.0

... Figures not appropriate or applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 86.1 billion commodity (Mcf.) miles (1,963 million ton miles) during February compared with 78.5 billion (Mcf.) miles (1,789 million ton miles) last year. The daily average deliveries of gas utilities amounted to 5.4 million Mcf.

Alberta natural gas utilities receipts totalled 111.4 billion cubic feet; of this 23.9 per cent was sold to ultimate customers in Alberta, 21.8 per cent in Ontario, 4.1 per cent in Quebec, 3.6 per cent in Saskatchewan, 1.2 per cent in British Columbia and 5.5 per cent in Manitoba. Exports accounted for 36.7 per cent and the remaining 3.2 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during February compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales '000 Mcf.	% of total sales	% increase over February 1968	Revenue \$'000	% of sales revenue	Number of customers '000
Residential .....	35,852	37.6	10.5	34,106	52.0	1,605
Industrial .....	35,327	37.0	6.9	14,743	22.5	12
Commercial .....	24,182	25.4	23.5	16,693	25.5	159
Totals .....	95,361	100.0	12.1	65,542	100.0	1,776

All gas volumes in Tables 1-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

June 1969  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

February 1969

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
1	<u>By transport systems</u>			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	<u>By distribution systems</u>			
2a	Fields .....	10,628	12,608	1,011,924
2b	Processing plants .....	-	-	7,333
3	Total (1 + 2) .....	10,628	12,608	1,019,257
4	Imports .....	-	-	2,836,769
5	Other receipts(1) .....	-	-	428
6	Total net receipts (3 + 4 + 5) .....	10,628	12,608	3,856,454
7	Received from storage .....	-	-	9,239,202
9	Total supply of gas utilities (6 + 7) .....	10,628	12,608	13,095,656
	<u>Transfers from</u>			
11	Other provinces .....	-	4,813,006	31,523,617
12	Distribution to transport (primary) .....	-	-	613,292
13	Other gas utilities .....	-	4,387,476	34,090,700
19	Total gross receipts (9 + 11 + 12 + 13) ...	10,628	9,213,090	79,323,265
	<u>Disposition</u>			
	<u>Sales</u>			
20	Residential .....	3,865	1,558,069	14,411,620
21	Industrial .....	-	2,187,454	14,094,037
22	Commercial .....	2,559	817,893	9,068,728
30	Total sales (20 + 21 + 22) .....	6,424	4,563,416	37,574,385
31	Exports .....	-	197,182	485,461
32	Other deliveries .....	-	-	2,904
33	Total net deliveries (30 + 31 + 32) .....	6,424	4,760,598	38,062,750
34	Delivered to storage .....	-	-	791,210
35	Line pack fluctuation .....	-	3,010	8,140
36	Gas used in system .....	-	18,871	2,565,352
37	Line losses and unaccounted for .....	4,204	43,135	- 1,621,185
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	10,628	4,825,614	39,806,267
	<u>Transfers to</u>			
40	Other provinces .....	-	-	4,813,006
41	Distribution by transport (primary) .....	-	4,379,002	26,233,297
42	Other gas utilities .....	-	8,474	8,470,695
49	Total disposition (39 + 40 + 41 + 42) .....	10,628	9,213,090	79,323,265

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

February 1969

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	February 1968	No.
					Canada	
Mcf.						
-	-	8,919,506	451,286	9,370,792	7,473,927	1a
-	-	76,924,889	21,941,605	98,866,494	87,505,605	1b
-	2,751,853	13,786,859	-	17,573,872	14,240,778	2a
-	1,759,249	11,386,226	122,169	13,274,977	14,603,637	2b
-	4,511,102	111,017,480	22,515,060	139,086,135	123,823,947	3
-	-	15,434	-	2,852,203	6,574,121	4
112,467	-	4,576	54	117,525	103,056	5
112,467	4,511,102	111,037,490	22,515,114	142,055,863	130,501,124	6
-	560,308	229,204	-	10,028,714	12,593,881	7
112,467	5,071,410	111,266,694	22,515,114	152,084,577	143,095,005	9
48,431,145	54,172,011	-	27,811,105	...	...	11
-	3,231,557	1,659,443	-	5,504,292	8,311,240	12
5,154,419	3,888,521	6,833,153	9,696,730	64,050,999	55,926,797	13
53,698,031	66,363,499	119,759,290	60,022,949	221,639,868	207,333,042	19
3,038,042	3,863,499	9,620,573	3,356,031	35,851,699	32,452,548	20
829,144	4,477,389	9,792,990	3,946,141	35,327,155	33,059,807	21
2,206,868	2,234,483	7,230,607	2,621,445	24,182,583	19,574,100	22
6,074,054	10,575,371	26,644,170	9,923,617	95,361,437	85,086,455	30
10,756,981	-	3,221,894	38,732,413	53,393,931	49,270,614	31
-	27,281	1,555,750	-	1,585,935	1,074,591	32
16,831,035	10,602,652	31,421,814	48,656,030	150,341,303	135,431,660	33
-	262,819	-	-	1,054,029	175,363	34
347,063	12,095	44,007	105,893	520,208	- 57,692	35
606,644	1,244,697	842,614	1,984,489	7,262,667	5,834,189	36
- 764,747	- 1,309,987	- 3,024,857	- 420,193	- 7,093,630	1,711,485	37
17,019,995	10,812,276	29,283,578	50,326,219	152,084,577	143,095,005	39
31,523,617	48,431,145	81,983,116	-	...	...	40
5,154,419	3,888,521	287,901	9,514,105	49,457,245	43,350,902	41
-	3,231,557	8,204,695	182,625	20,098,046	20,887,135	42
53,698,031	66,363,499	119,759,290	60,022,949	221,639,868	207,333,042	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada 1969

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	10,645,974	9,370,792			
1b	Processing plants .....	103,471,100	98,866,494			
2	<u>By distribution systems</u>					
2a	Fields .....	23,816,825	17,573,872			
2b	Processing plants .....	15,630,395	13,274,977			
3	Total (1 + 2) .....	153,564,294	139,086,135			
4	Imports .....	2,968,411	2,852,203			
5	Other receipts(1) .....	304,789	117,525			
6	Total net receipts (3 + 4 + 5) .....	156,837,494	142,055,863			
7	Received from storage .....	17,417,972	10,028,714			
9	Total supply of gas utilities (6 + 7) .....	174,255,466	152,084,577			
	<u>Transfers from</u>					
11	Other provinces .....	...	...			
12	Distribution to transport (primary) .....	5,983,105	5,504,292			
13	Other gas utilities .....	71,983,013	64,050,999			
19	Total gross receipts (9 + 11 + 12 + 13) ...	252,221,584	221,639,868			
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	41,725,079	35,851,699			
21	Industrial .....	37,311,788	35,327,155			
22	Commercial .....	26,478,310	24,182,583			
30	Total sales (20 + 21 + 22) .....	105,515,177	95,361,437			
31	Exports .....	58,033,790	53,393,931			
32	Other deliveries .....	1,459,750	1,585,935			
33	Total net deliveries (30 + 31 + 32) .....	165,008,717	150,341,303			
34	Delivered to storage .....	695,411	1,054,029			
35	Line pack fluctuation .....	- 647,899	520,208			
36	Gas used in system .....	7,388,026	7,262,667			
37	Line losses and unaccounted for .....	1,811,211	- 7,093,630			
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	174,255,466	152,084,577			
	<u>Transfers to</u>					
40	Other provinces .....	...	...			
41	Distribution by transport (primary) .....	53,908,468	49,457,245			
42	Other gas utilities .....	24,057,650	20,098,046			
49	Total disposition (39 + 40 + 41 + 42) .....	252,221,584	221,639,868			

(1) Includes peak shaving and enrichment.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1969

June	July	August	September	October	November	December	Year to date		No.
							1969	1968	
Mcf.									
							20,016,766	15,962,786	1a
							202,337,594	178,457,675	1b
							41,390,697	30,159,948	2a
							28,905,372	29,604,640	2b
							292,650,429	254,185,049	3
							5,820,614	12,747,319	4
							422,314	179,744	5
							298,893,357	267,112,112	6
							27,446,686	27,620,813	7
							326,340,043	294,732,925	9
							...	...	11
							11,487,397	17,106,820	12
							136,034,012	114,916,225	13
							473,861,452	426,755,970	19
							77,576,778	68,784,528	20
							72,638,943	65,976,749	21
							50,660,893	41,703,318	22
							200,876,614	176,464,595	30
							111,427,721	101,363,526	31
							3,045,685	1,197,885	32
							315,350,020	279,026,006	33
							1,749,440	352,292	34
							- 127,691	489,848	35
							14,650,693	12,220,255	36
							- 5,282,419	2,644,524	37
							326,340,043	294,732,925	39
							...	...	40
							103,365,713	89,170,908	41
							44,155,696	42,852,137	42
							473,861,452	426,755,970	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

February 1969

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	<u>By transport systems</u>								
1a	Fields .....	-	-	-	-	8,919,506	451,286	-	9,370,792
1b	Processing plants .....	-	-	-	-	76,924,889	21,941,605	-	98,866,494
2	<u>By distribution systems</u>								
2a	Fields .....	10,628	12,608	1,011,924	2,751,853	13,786,859	-	-	17,573,872
2b	Processing plants .....	-	-	7,333	1,759,249	11,386,226	122,169	-	13,274,977
3	Total (1 + 2) .....	10,628	12,608	1,019,257	4,511,102	111,017,480	22,515,060	-	139,086,135
4	Imports .....	-	-	-	-	-	-	2,852,203	2,852,203
5	Other receipts(1) .....	-	-	428	-	117,043	54	-	117,525
6	Total net receipts (3 + 4 + 5) .....	10,628	12,608	1,019,685	4,511,102	111,134,523	22,515,114	2,852,203	142,055,863
7	Received from storage .....	-	-	9,239,202	560,308	229,204	-	-	10,028,714
9	Total supply of gas utilities (6 + 7) .....	10,628	12,608	10,258,887	5,071,410	111,363,727	22,515,114	2,852,203	152,084,577
	<u>Disposition</u>								
	<u>Sales</u>								
23	British Columbia .....	-	-	-	-	1,379,550	8,544,067	-	9,923,617
24	Alberta .....	-	-	-	-	26,628,909	-	15,261	26,644,170
25	Saskatchewan .....	-	-	-	6,582,855	3,992,516	-	-	10,575,371
26	Manitoba .....	-	-	-	-	6,074,054	-	-	6,074,054
27	Ontario .....	-	-	10,451,833	-	24,285,783	-	2,836,769	37,574,385
28	Quebec .....	-	12,608	-	-	4,550,808	-	-	4,563,416
29	New Brunswick .....	6,424	-	-	-	-	-	-	6,424
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	6,424	12,608	10,451,833	6,582,855	66,911,620	8,544,067	2,852,030	95,361,437
31	Exports .....	-	-	-	-	40,896,439	12,497,492	-	53,393,931
32	Other deliveries .....	-	-	-	-	1,585,935	-	-	1,585,935
33	Total net deliveries (30 + 31 + 32) .....	6,424	12,608	10,451,833	6,582,855	109,393,994	21,041,559	2,852,030	150,341,303
34	Delivered to storage .....	-	-	-	262,819	791,210	-	-	1,054,029
35	Line pack fluctuation .....	-	-	-	- 14,360	439,699	94,869	-	520,208
36	Gas used in system .....	-	-	46,875	244,207	5,211,684	1,759,901	-	7,262,667
37	Line losses and unaccounted for .....	4,204	-	- 239,821	- 2,004,111	- 4,472,860	- 381,215	173	- 7,093,630
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	10,628	12,608	10,258,887	5,071,410	111,363,727	22,515,114	2,852,203	152,084,577

(1) Includes peak shaving and enrichment.

TABLE 4. Operating Statistics: Natural Gas Utilities

February 1969

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
<u>Daily sendouts (Mcf.)</u>			
February 1969:			
Daily average .....	3,673,256	3,405,766	5,406,976
Maximum(1) .....	4,008,770	...	...
Minimum(1) .....	3,533,811	...	...
Exports maximum(1) .....	1,966,687	...	...
February 1968:			
Daily average .....	3,193,845	2,934,016	4,676,104
Maximum(1) .....	3,468,908	...	...
Minimum(1) .....	3,008,700	...	...
Year to date 1969:			
Daily average .....	3,640,567	3,404,688	5,374,567
Maximum(1) .....	4,008,770	...	...
Minimum(1) .....	3,330,349	...	...
<u>Commodity miles</u>			
Mcf. miles (thousands) .....	86,083,090	..	..
Ton-miles (millions) .....	1,963	..	..
<u>Line pack</u>			
Beginning of month (Mcf.) .....	8,612,127	..	..
End of month (Mcf.) .....	3,533,811	..	..
Operating revenues .....	(\$) ..	65,542,248	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

February 1969

	Manufactured	Liquefied petroleum gases
Mcf.		
Gas receipts .....	34,761	123,225
Deliveries to ultimate customers .....	30,681	99,607
Line pack fluctuations .....	-	-
Gas used in system .....	-	1,264
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	4,080	22,354
Total disposition .....	34,761	123,225
Daily average sendout .....	1,241	4,404
Revenues .....	(\$) 26,755	162,026

TABLE 6. Sales of Natural Gas

No.		February 1969			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	<u>Residential</u>				
1	New Brunswick .....	130	1,774	3,865	12,913
2	Quebec .....	102,247	204,296	1,558,069	2,537,751
3	Ontario .....	587,041	706,741	14,411,620	16,904,971
4	Manitoba .....	105,097	107,456	3,038,042	2,467,539
5	Saskatchewan .....	118,924	121,330	3,863,499	2,647,323
6	Alberta .....	261,866	264,213	9,620,573	4,603,812
7	British Columbia .....	181,689	199,821	3,356,031	4,931,590
8	Canada .....	1,356,994	1,605,631	35,851,699	34,105,899
	<u>Industrial</u>				
9	New Brunswick .....	-	-	-	-
10	Quebec .....	2,271	2,271	2,187,454	1,385,569
11	Ontario .....	8,139	8,139	14,094,037	8,688,152
12	Manitoba .....	297	297	829,144	318,339
13	Saskatchewan .....	621	621	4,477,389	1,293,383
14	Alberta .....	526	526	9,792,990	1,755,740
15	British Columbia .....	247	247	3,946,141	1,302,459
16	Canada .....	12,101	12,101	35,327,155	14,743,642
17	Firm .....		11,542	31,146,021	13,050,196
18	Interruptible .....		559	4,181,134	1,693,446
	<u>Commercial</u>				
19	New Brunswick .....	66	66	2,559	5,392
20	Quebec .....	10,406	10,406	817,893	916,829
21	Ontario .....	64,974	64,974	9,068,728	7,977,760
22	Manitoba .....	10,465	10,465	2,206,868	1,434,681
23	Saskatchewan .....	16,765	16,765	2,234,483	1,233,939
24	Alberta .....	30,253	30,253	7,230,607	2,745,126
25	British Columbia .....	25,792	25,792	2,621,445	2,378,980
26	Canada .....	158,721	158,721	24,182,583	16,692,707
	<u>Total sales</u>				
27	New Brunswick .....		1,840	6,424	18,305
28	Quebec .....		216,973	4,563,416	4,840,149
29	Ontario .....		779,854	37,574,385	33,570,883
30	Manitoba .....		118,218	6,074,054	4,220,559
31	Saskatchewan .....		138,716	10,575,371	5,174,645
32	Alberta .....		294,992	26,644,170	9,104,678
33	British Columbia .....		225,860	9,923,617	8,613,029
34	Canada .....		1,776,453	95,361,437	65,542,248

... Figures not appropriate or not applicable.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		February 1969		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Residential .....	11,281	38,926	80,150
2	Industrial .....	7	344	687
3	Commercial .....	2,260	60,337	81,189
4	Total .....	13,548	99,607	162,026

TABLE 6. Sales of Natural Gas

February 1969		February 1969				No.
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
2.2	3.34	130	1,903	4,066	13,414	1
7.6	1.63	93,792	204,229	1,867,641	2,805,822	2
20.4	1.17	547,608	679,385	14,539,195	17,053,325	3
28.3	0.81	96,851	102,308	2,739,920	2,358,304	4
31.8	0.69	110,652	116,067	3,595,909	2,362,738	5
36.4	0.48	249,171	251,417	7,134,678	3,522,902	6
16.8	1.47	169,352	192,938	2,571,139	3,463,318	7
22.3	0.95	1,267,556	1,548,247	32,452,548	31,579,823	8
-	-	-	-	-	-	9
963	0.63	-	2,252	1,321,999	984,411	10
1,731	0.62	-	7,372	12,460,686	7,753,588	11
2,792	0.38	-	287	1,140,134	354,331	12
7,210	0.29	-	585	4,642,877	1,189,917	13
18,618	0.18	-	811	9,518,405	1,796,249	14
15,976	0.33	-	215	3,975,706	1,700,948	15
2,919	0.42	-	11,522	33,059,807	13,779,444	16
-	-	-	10,436	22,903,476	10,963,817	17
-	-	-	1,086	10,156,331	2,815,627	18
38.8	2.11	-	60	2,630	5,222	19
78.6	1.12	-	10,264	637,218	804,182	20
139.6	0.88	-	60,507	7,708,306	7,121,579	21
210.9	0.65	-	9,233	1,852,232	1,263,103	22
133.3	0.55	-	15,922	1,919,197	1,010,751	23
239.0	0.38	-	28,268	5,640,629	2,159,519	24
101.6	0.91	-	25,122	1,813,888	2,065,522	25
152.4	0.69	-	149,376	19,574,100	14,429,878	26
3.5	2.85	-	1,963	6,696	18,636	27
21.0	1.06	-	216,745	3,826,858	4,594,415	28
48.2	0.89	-	747,264	34,708,187	31,928,492	29
51.4	0.69	-	111,828	5,732,286	3,975,738	30
76.2	0.49	-	132,574	10,157,983	4,563,406	31
90.3	0.34	-	280,496	22,293,712	7,478,670	32
43.9	0.87	-	218,275	8,360,733	7,229,788	33
53.7	0.69	-	1,709,145	85,086,455	59,789,145	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

February 1969				No.
Manufactured gas				
Customers	Gas sold		Revenue	
No.	Mcf.		\$	
1,581	8,002		9,881	1
18	13,008		5,717	2
475	9,671		11,157	3
2,074	30,681		26,755	4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	February 1969			
	Residential	Industrial	Commercial	Total
	Mcf.			
<u>Sales</u>				
New Brunswick .....	4,663	-	3,088	7,751
Quebec .....	1,589,509	2,232,590	830,341	4,652,440
Ontario .....	14,702,991	14,385,782	9,253,975	38,342,748
Manitoba .....	3,085,307	838,202	2,243,163	6,166,672
Saskatchewan .....	3,863,499	4,477,389	2,234,483	10,575,371
Alberta .....	10,196,013	9,994,558	7,699,181	27,889,752
British Columbia .....	3,485,199	4,104,414	2,721,883	10,311,496
Canada .....	36,927,181	36,032,935	24,986,114	97,946,230

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	February 1969						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	200,534	493,714	10,939,850	3,274,086	40,621,900	55,530,084	115,658,962
Imports .....	-	2,885,754	-	15,434	-	2,901,188	5,922,613

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	February 1969	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	71,022	14,396



TABLE 11. Exports and Imports to and from the United States  
February 1969

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	197,182	-
Ontario - Cornwall .....	485,461	-
Niagara Falls .....	-	2,389,303
Ojibway .....	-	447,466
Total Ontario .....	485,461	2,836,769
Manitoba - Emerson .....	10,756,981	-
Alberta - Aden .....	1,562,405	-
Carway .....	1,659,469	-
Coutts .....	20	15,434
Total Alberta .....	3,221,894	15,434
British Columbia - Kingsgate - U.S.A. District V South(1) .....	20,501,844	-
Other U.S.A. ....	4,313,208	-
Huntingdon .....	13,917,361	-
Total British Columbia .....	38,732,413	-
Canada - February 1969 .....	53,393,931	2,852,203
1968 .....	49,270,614	6,574,121
Year to date - 1969 .....	111,427,721	5,820,614
1968 .....	101,363,526	12,747,319
Value - February 1969 .....	13,837,173	2,711,690
1968 .....	12,831,264	3,037,724

(1) California, Nevada, Arizona.



CATALOGUE No.

55-002

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Government  
Publications

Vol. II, No. 3

Price: 20 cents, \$2.00 a year

GAS UTILITIES  
(Transport and Distribution Systems)

MARCH 1969

During March field gathering systems and processing plants delivered to gas utilities 146, 719, 269 Mcf. of natural gas. The transport systems accounted for 116,482,003 Mcf. and the distribution systems 30,237,266 Mcf. Natural gas imported from the U.S.A. was 4,201,424 Mcf. and the volume recovered from storage was 6,752,190 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over March 1968	Revenue \$'000	% of total revenue
Ultimate customers .....	88,183	55.9	12.3	59,762	80.4
Exports .....	56,607	35.9	7.8	14,567	19.6
Other uses and adjustments .....	13,004	8.2	...	...	...
Totals .....	157,794	100.0	15.4	74,329	100.0

... Figures not appropriate or applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 93.4 billion commodity (Mcf.) miles (2,130 million ton miles) during March compared with 80.9 billion (Mcf.) miles (1,844 million ton miles) last year. The daily average deliveries of gas utilities amounted to 4.9 million Mcf.

Alberta natural gas utilities receipts totalled 117.6 billion cubic feet; of this 19.6 per cent was sold to ultimate customers in Alberta, 22.0 per cent in Ontario, 4.0 per cent in Quebec, 3.3 per cent in Saskatchewan, 1.2 per cent in British Columbia and 4.4 per cent in Manitoba. Exports accounted for 36.5 per cent and the remaining 9.0 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during March compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales '000 Mcf.	% of total sales	% increase over March 1968	Revenue \$'000	% of sales revenue	Number of customers '000
Residential .....	29,424	33.4	5.7	30,206	50.5	1,610
Industrial .....	38,571	43.7	14.2	15,560	26.0	12
Commercial .....	20,188	22.9	19.6	13,996	23.5	160
Totals .....	88,183	100.0	11.1	59,762	100.0	1,782

All gas volumes in Tables I-7 and Table II are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Table 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

June, 1969  
6503-509

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TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1969

No.		New Brunswick	Quebec	Ontario
			McE	
	<u>Receipts</u>			
1	<u>By transport systems</u>			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	<u>By distribution systems</u>			
2a	Fields .....	10,324	13,449	522,417
2b	Processing plants .....	10,772	-	547,946
3	Total (1 + 2) .....	10,324	13,449	1,070,363
4	Imports .....	-	-	4,187,546
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	10,324	13,449	5,257,909
7	Received from storage .....	-	-	5,472,153
9	Total supply of gas utilities (6 + 7) ....	10,324	13,449	10,730,062
	<u>Transfers from</u>			
11	Other provinces .....	-	4,964,342	36,933,658
12	Distribution to transport (primary) .....	-	-	672,799
13	Other gas utilities .....	-	4,508,880	38,942,140
19	Total gross receipts (9 + 11 + 12 + 13) ...	10,324	9,486,671	87,278,659
	<u>Disposition</u>			
	<u>Sales</u>			
20	Residential .....	2,763	1,662,995	12,928,417
21	Industrial .....	-	2,361,182	15,214,073
22	Commercial .....	2,033	717,472	8,406,074
30	Total sales (20 + 21 + 22) .....	4,796	4,741,649	36,548,564
31	Exports .....	-	218,064	541,735
32	Other deliveries .....	-	-	2,448
33	Total net deliveries (30 + 31 + 32) .....	4,796	4,959,713	37,092,747
34	Delivered to storage .....	-	-	1,478,333
35	Line pack fluctuation .....	-	94	- 29,620
36	Gas used in system .....	-	22,199	2,890,854
37	Line losses and unaccounted for .....	5,976	- 4,215	1,267,064
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	10,772	4,977,791	42,699,378
	<u>Transfers to</u>			
40	Other provinces .....	-	-	4,964,342
41	Distribution by transport (primary) .....	-	-	32,071,545
42	Other gas utilities .....	-	4,508,880	7,543,394
49	Total disposition (39 + 40 + 41 + 42) ....	10,772	9,486,671	87,278,659

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

March 1969

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	March 1968	No.
					Canada	
N.C.F.						
-	-	9,514,482	490,453	10,004,935	6,497,664	1a
-	-	83,002,998	23,474,070	106,477,068	87,892,790	1b
-	2,458,303	13,233,770	-	16,238,711	12,299,703	2a
-	1,761,097	11,577,107	112,405	13,998,555	14,235,623	2b
-	4,219,400	117,328,357	24,076,928	146,719,269	120,925,780	3
-	-	13,878	-	4,201,424	9,137,564	4
116,589	-	5,019	43	121,651	59,198	5
116,589	4,219,400	117,347,254	24,076,971	151,042,344	130,122,542	6
-	1,117,805	162,232	-	6,752,190	4,996,699	7
116,589	5,337,205	117,509,486	24,076,971	157,794,534	135,119,241	9
55,242,160	60,439,853	-	28,445,401	-	-	11
-	2,817,581	1,832,094	131,879	5,454,353	4,811,010	12
5,392,036	3,202,633	6,698,031	9,969,001	68,712,721	57,214,827	13
60,750,785	71,797,272	126,039,611	62,623,252	231,961,608	197,145,078	19
2,259,436	2,882,253	6,817,645	2,870,688	29,424,197	27,842,494	20
1,175,571	4,109,860	10,734,593	4,976,072	38,571,351	33,774,234	21
1,741,232	1,570,476	5,560,261	2,189,848	20,187,396	16,879,171	22
5,176,239	8,562,589	23,112,499	10,036,608	88,182,944	78,495,899	30
12,019,793	-	3,470,139	40,357,651	56,607,382	52,521,009	31
-	48,151	1,320,308	-	1,370,907	1,186,419	32
17,196,032	8,610,740	27,902,946	50,394,259	146,161,233	132,203,327	33
-	190,916	-	-	1,669,249	2,651,498	34
119,231	- 101,525	- 795	53,934	41,319	738,663	35
698,684	1,405,658	930,536	2,041,766	7,989,697	4,760,483	36
411,144	429,109	- 208,455	32,413	1,933,036	- 5,234,730	37
18,425,091	10,534,898	28,624,232	52,522,372	157,794,534	135,119,241	39
36,933,658	55,242,160	88,885,254	-	-	-	40
-	3,202,633	244,920	449,428	35,968,526	44,897,540	41
5,392,036	2,817,581	8,285,205	9,651,452	38,198,548	17,128,297	42
60,750,785	71,797,272	126,039,611	62,623,252	231,961,608	197,145,078	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1969

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	10,645,974	9,370,792	10,004,935		
1b	Processing plants .....	103,471,100	98,866,494	106,477,068		
2	<u>By distribution systems</u>					
2a	Fields .....	23,816,825	17,573,872	16,238,711		
2b	Processing plants .....	15,630,395	13,274,977	13,998,555		
3	Total (1 + 2) .....	153,564,294	139,086,135	146,719,269		
4	Imports .....	2,968,411	2,852,203	4,201,424		
5	Other receipts(1) .....	304,789	117,525	121,651		
6	Total net receipts (3 + 4 + 5) .....	156,837,494	142,055,863	151,042,344		
7	Received from storage .....	17,417,972	10,028,714	6,752,190		
9	Total supply of gas utilities (6 + 7) .....	174,255,466	152,084,577	157,794,534		
	<u>Transfers from</u>					
11	Other provinces .....	...	...	...		
12	Distribution to transport (primary) .....	5,983,105	5,504,292	5,454,353		
13	Other gas utilities .....	71,983,013	64,050,999	68,712,721		
19	Total gross receipts (9 + 11 + 12 + 13) ...	252,221,584	221,639,868	231,961,608		
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	41,725,079	35,851,699	29,424,197		
21	Industrial .....	37,311,788	35,327,155	38,571,351		
22	Commercial .....	26,478,310	24,182,583	20,187,396		
30	Total sales (20 + 21 + 22) .....	105,515,177	95,361,437	88,182,944		
31	Exports .....	58,033,790	53,393,931	56,607,382		
32	Other deliveries .....	1,459,750	1,585,935	1,370,907		
33	Total net deliveries (30 + 31 + 32) .....	165,008,717	150,341,303	146,161,233		
34	Delivered to storage .....	695,411	1,054,029	1,669,249		
35	Line pack fluctuation .....	- 647,899	520,208	41,319		
36	Gas used in system .....	7,388,026	7,262,667	7,989,697		
37	Line losses and unaccounted for .....	1,811,211	- 7,093,630	1,933,036		
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	174,255,466	152,084,577	157,794,534		
	<u>Transfers to</u>					
40	Other provinces .....	...	...	...		
41	Distribution by transport (primary) .....	53,908,468	49,457,245	35,968,526		
42	Other gas utilities .....	24,057,650	20,098,046	38,198,548		
49	Total disposition (39 + 40 + 41 + 42) .....	252,221,584	221,639,868	231,961,608		

(1) Includes peak shaving and enrichment.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1969

June	July	August	September	October	November	December	Year to date		No.
							1969	1968	
Mcf.									
							30,021,701	22,460,450	1a
							308,814,662	266,350,465	1b
							57,629,408	42,459,651	2a
							42,903,927	43,840,263	2b
							439,369,698	375,110,829	3
							10,022,038	21,884,883	4
							543,965	238,942	5
							449,935,701	397,234,654	6
							34,198,876	32,617,512	7
							484,134,577	429,852,166	9
							...	...	11
							16,941,750	21,917,830	12
							204,746,733	172,131,052	13
							705,823,060	623,901,048	19
							107,000,975	96,627,022	20
							111,210,294	99,750,983	21
							70,848,289	58,582,489	22
							289,059,558	254,960,494	30
							168,035,103	153,884,535	31
							4,416,592	2,384,304	32
							461,511,253	411,229,333	33
							3,418,689	3,003,790	34
							- 86,372	1,228,511	35
							22,640,390	16,980,738	36
							- 3,349,383	- 2,590,206	37
							484,134,577	429,852,166	39
							...	...	40
							139,334,239	134,068,448	41
							82,354,244	59,980,434	42
							705,823,060	623,901,048	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

March 1969

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	<u>By transport systems</u>								
1a	Fields .....	-	-	-	-	9,514,482	490,453	-	10,004,935
1b	Processing plants .....	-	-	-	-	83,002,998	23,474,070	-	106,477,068
2	<u>By distribution systems</u>								
2a	Fields .....	10,772	13,449	522,417	2,458,303	13,233,770	-	-	16,238,711
2b	Processing plants .....	-	-	547,946	1,761,097	11,577,107	112,405	-	13,998,555
3	Total (1 + 2) .....	10,772	13,449	1,070,363	4,219,400	117,328,357	24,076,928	-	146,719,269
4	Imports .....	-	-	-	-	-	-	4,201,424	4,201,424
5	Other receipts(1) .....	-	-	-	-	121,608	43	-	121,651
6	Total net receipts (3 + 4 + 5) .....	10,772	13,449	1,070,363	4,219,400	117,449,965	24,076,971	4,201,424	151,042,344
7	Received from storage .....	-	-	5,472,153	1,117,805	162,232	-	-	6,752,190
9	Total supply of gas utilities (6 + 7) .....	10,772	13,449	6,542,516	5,337,205	117,612,197	24,076,971	4,201,424	157,794,534
	<u>Disposition</u>								
	<u>Sales</u>								
23	British Columbia .....	-	-	-	-	1,438,348	8,598,260	-	10,036,608
24	Alberta .....	-	-	-	-	23,098,778	-	13,721	23,112,499
25	Saskatchewan .....	-	-	-	4,640,786	3,921,803	-	-	8,562,589
26	Manitoba .....	-	-	-	-	5,176,239	-	-	5,176,239
27	Ontario .....	-	-	6,445,291	-	25,915,727	-	4,187,546	36,548,564
28	Quebec .....	-	13,449	-	-	4,728,200	-	-	4,741,649
29	New Brunswick .....	4,796	-	-	-	-	-	-	4,796
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29)	4,796	13,449	6,445,291	4,640,786	64,279,095	8,598,260	4,201,267	88,182,944
31	Exports .....	-	-	-	-	42,985,410	13,621,972	-	56,607,382
32	Other deliveries .....	-	-	-	-	1,370,907	-	-	1,370,907
33	Total net deliveries (30 + 31 + 32) .....	4,796	13,449	6,445,291	4,640,786	108,635,412	22,220,232	4,201,267	146,161,233
34	Delivered to storage .....	-	-	-	190,916	1,478,333	-	-	1,669,249
35	Line pack fluctuation .....	-	-	-	5,260	12,256	58,835	-	41,319
36	Gas used in system .....	-	-	36,221	251,244	5,967,272	1,734,960	-	7,989,697
37	Line losses and unaccounted for .....	5,976	-	61,004	259,519	1,543,436	62,944	157	1,933,036
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	10,772	13,449	6,542,516	5,337,205	117,612,197	24,076,971	4,201,424	157,794,534

(1) Includes peak shaving and enrichment.  
... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

March 1969

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
<u>Daily sendouts (Mcf.)</u>			
March 1969			
Daily average .....	3,318,096	3,076,175	4,883,720
Maximum(1) .....	3,979,814	...	...
Minimum(1) .....	3,225,948	...	...
Exports maximum(1) .....	1,930,323	...	...
March 1968			
Daily average .....	3,142,533	2,532,125	4,350,183
Maximum(1) .....	3,458,215	...	...
Minimum(1) .....	2,991,398	...	...
Year to date 1969			
Daily average .....	3,415,215	3,211,773	5,165,888
Maximum(1) .....	4,008,770	...	...
Minimum(1) .....	3,225,948	...	...
<u>Commodity miles</u>			
Mcf. miles (thousands) .....	93,430,160	..	..
Ton-miles (millions) .....	2,130	..	..
<u>Line pack</u>			
Beginning of month (Mcf.) .....	8,778,850	..	..
End of month (Mcf.) .....	8,690,818	..	..
Operating revenues ..... \$	..	59,762,270	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

March 1969

	Manufactured	Liquefied petroleum gases
Mcf.		
Gas receipts .....	46,878	116,119
Deliveries to ultimate customers .....	46,475	90,451
Line pack fluctuations .....	-	-
Gas used in system .....	-	970
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	403	24,698
Total disposition .....	46,878	116,119
Daily average sendout .....	1,512	3,746
Revenues ..... \$	33,109	148,820

TABLE 6. Sales of Natural Gas

No.		March 1969			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	<u>Residential</u>				
1	New Brunswick .....	130	1,756	2,763	9,789
2	Quebec .....	103,345	205,024	1,662,995	2,714,859
3	Ontario .....	580,695	708,686	12,928,417	15,310,929
4	Manitoba .....	105,428	107,743	2,259,436	1,879,568
5	Saskatchewan .....	119,903	122,329	2,882,253	2,085,171
6	Alberta .....	262,628	265,163	6,817,645	3,445,357
7	British Columbia .....	199,263	199,244	2,870,688	4,760,540
8	Canada .....	1,371,392	1,609,945	29,424,197	30,206,213
	<u>Industrial</u>				
9	New Brunswick .....	-	-	-	-
10	Quebec .....	2,204	2,204	2,361,182	1,461,665
11	Ontario .....	8,341	8,341	15,214,073	9,036,122
12	Manitoba .....	296	296	1,175,571	371,575
13	Saskatchewan .....	627	627	4,109,860	1,176,888
14	Alberta .....	523	523	10,734,593	1,962,608
15	British Columbia .....	292	292	4,976,072	1,551,099
16	Canada .....	12,283	12,283	38,571,351	15,559,957
17	Firm .....		11,697	34,002,680	13,567,234
18	Interruptible .....		586	4,568,671	1,992,723
	<u>Commercial</u>				
19	New Brunswick .....	66	66	2,033	4,163
20	Quebec .....	10,427	10,427	717,472	842,571
21	Ontario .....	65,599	65,599	8,406,074	7,479,193
22	Manitoba .....	10,495	10,495	1,741,232	1,156,579
23	Saskatchewan .....	16,970	16,970	1,570,476	894,223
24	Alberta .....	30,317	30,317	5,560,261	2,120,141
25	British Columbia .....	25,941	25,941	2,189,848	1,499,230
26	Canada .....	159,815	159,815	20,187,396	13,996,100
	<u>Total sales</u>				
27	New Brunswick .....	1,822	1,822	4,796	13,952
28	Quebec .....	217,655	217,655	4,741,649	5,019,095
29	Ontario .....	782,626	782,626	36,548,564	31,826,244
30	Manitoba .....	118,534	118,534	5,176,239	3,407,722
31	Saskatchewan .....	139,926	139,926	8,562,589	4,156,282
32	Alberta .....	296,003	296,003	23,112,499	7,528,106
33	British Columbia .....	225,477	225,477	10,036,608	7,810,869
34	Canada .....	1,782,043	1,782,043	88,182,944	59,762,270

... Figures not appropriate or not applicable.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		March 1969		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Residential .....	11,195	42,109	82,883
2	Industrial .....	8	605	776
3	Commercial .....	2,259	47,737	65,161
4	Total .....	13,462	90,451	148,820

TABLE 6. Sales of Natural Gas

March 1969			March 1968			No.
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.6	3.54	130	1,905	4,416	14,426	1
8.1	1.63	94,333	204,191	1,399,512	2,579,070	2
18.2	1.18	547,752	679,861	13,760,748	16,232,931	3
21.0	0.83	94,546	102,431	2,414,987	2,085,283	4
23.6	0.72	111,906	117,373	2,447,114	1,723,920	5
25.7	0.51	249,420	252,100	5,304,693	2,776,691	6
14.4	1.66	169,971	189,760	2,511,024	3,632,729	7
18.3	1.03	1,268,058	1,547,621	27,842,494	29,045,050	8
-	-	-	-	-	-	9
1,071	0.62	-	2,257	1,665,298	1,083,638	10
1,824	0.59	-	7,455	13,148,862	7,947,750	11
3,971	0.32	-	302	1,536,537	548,998	12
6,554	0.29	-	611	4,296,799	1,182,620	13
20,525	0.18	-	567	8,892,913	1,676,324	14
17,041	0.31	-	269	4,233,825	1,761,961	15
3,140	0.40	-	11,461	33,774,234	14,111,291	16
-	-	-	10,289	23,594,456	10,572,922	17
-	-	-	1,172	10,179,778	3,538,369	18
30.8	2.05	-	60	2,847	5,591	19
68.8	1.17	-	10,294	608,607	760,676	20
128.1	0.89	-	60,653	7,142,819	6,841,202	21
165.9	0.66	-	9,258	1,695,329	1,153,293	22
92.5	0.57	-	16,073	1,647,133	869,061	23
183.4	0.38	-	28,280	4,334,573	1,682,573	24
84.4	0.68	-	24,622	1,447,863	1,635,828	25
126.3	0.69	-	149,240	16,879,171	12,948,224	26
2.6	2.91	-	1,965	7,263	20,017	27
21.8	1.06	-	216,742	3,673,417	4,423,384	28
46.7	0.87	-	747,969	34,052,429	31,021,883	29
43.7	0.66	-	111,991	5,646,853	3,697,574	30
61.2	0.49	-	134,057	8,391,046	3,775,601	31
78.1	0.33	-	280,947	18,532,179	6,135,588	32
44.5	0.78	-	214,651	8,192,712	7,030,518	33
49.5	0.68	-	1,708,322	78,495,899	56,104,565	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

March 1969				No.
Manufactured gas				
Customers	Gas sold		Revenue	
No.	Mcf.		\$	
1,574	7,748		10,673	1
17	27,869		9,878	2
472	10,858		12,558	3
2,063	46,475		33,109	4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	March 1969			
	Residential	Industrial	Commercial	Total
	Mcf.			
<u>Sales</u>				
New Brunswick .....	3,333	-	2,053	5,386
Quebec .....	1,694,974	2,407,369	730,741	4,833,084
Ontario .....	13,153,021	15,481,003	8,551,090	37,185,114
Manitoba .....	2,281,641	1,184,703	1,760,588	5,226,932
Saskatchewan .....	2,897,902	4,132,174	1,579,002	8,609,078
Alberta .....	7,208,220	11,186,964	5,905,791	24,300,975
British Columbia .....	3,022,752	5,216,923	2,278,087	10,517,762
Canada .....	30,261,843	39,609,136	20,807,352	90,678,331

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	March 1969						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	221,771	550,944	12,224,129	3,529,957	42,308,046	58,834,847	174,506,740
Imports .....	-	4,221,994	-	13,878	-	4,235,872	10,158,485

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	March 1969	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	65,021	22,328



TABLE 11. Exports and Imports to and from the United States

March 1969

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	218,064	-
Ontario - Cornwall .....	-	-
Niagara Falls .....	541,735	2,766,339
Ojibway .....	-	1,421,207
Total Ontario .....	541,735	4,187,546
Manitoba - Emerson .....	12,019,793	-
Alberta - Aden .....	1,637,956	-
Carway .....	1,832,123	-
Coutts .....	60	13,878
Total Alberta .....	3,470,139	13,878
British Columbia - Kingsgate - U.S.A. District V South(1) .....	21,015,060	-
Other U.S.A. ....	4,300,750	-
Huntingdon .....	15,041,841	-
Total British Columbia .....	40,357,651	-
Canada - March 1969 .....	56,607,382	4,201,424
1968 .....	52,521,009	9,137,564
Year to date - 1969 .....	168,035,103	10,022,038
1968 .....	153,884,535	21,884,883
Value - March 1969 ..... (\$)	14,567,353	1,852,376
1968 ..... (\$)	13,316,931	5,208,146

(1) California, Nevada, Arizona.

CATALOGUE No.

55-002

MONTHLY

GAS UTILITIES

MARCH 1969

ERRATA

Table 1, line 2a, "Receipts from fields by distribution systems", in New Brunswick should read 10,324 instead of 10,772. This revision should be carried throughout the table.

Also Tables 2 and 3 should be revised accordingly.

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Government  
Publications

Vol. 11, No. 4

Price: 20 cents, \$2.00 a year

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AUG - 8 1969

GAS UTILITIES  
(Transport and Distribution Systems)

APRIL 1969

During April the gathering systems and processing plants delivered to gas utilities 133,905,591 Mcf. of natural gas. The transport systems accounted for 109,963,110 Mcf. and the distributions systems 23,942,481 Mcf. Natural gas imported from the U.S.A. was 4,254,464 Mcf. and the volume recovered from storage was 1,118,968 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume	% of total supply	% increase over April 1968	Revenue	% of total revenue
	'000 Mcf.			\$'000	
Ultimate customers .....	76,328	54.8	16.9	50,259	77.4
Exports .....	55,915	40.1	15.5	14,689	22.6
Other uses and adjustments .....	7,159	5.1	...	...	...
Totals .....	139,402	100.0	17.4	64,948	100.0

... Figures not appropriate or applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 86.3 billion commodity (Mcf.) miles (1,968 million ton miles) during April compared with 75.4 billion (Mcf.) miles (1,719 million ton miles) last year. The daily average deliveries of gas utilities amounted to 4.5 million Mcf.

Alberta natural gas utilities receipts totalled 107.1 billion cubic feet; of this 17.4 per cent was sold to ultimate customers in Alberta, 24.4 per cent in Ontario, 3.9 per cent in Quebec, 2.8 per cent in Saskatchewan, 1.1 per cent in British Columbia and 4.3 per cent in Manitoba. Exports accounted for 39.8 per cent and the remaining 6.3 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during April compared to the same month for the previous year. Details are contained in the following table.

Sales Category	Sales	% of total sales	% increase over April 1968	Revenue	% of sales revenue	Number of customers
	'000 Mcf.			\$'000		
Residential .....	22,156	29.0	11.3	23,434	46.6	1,607
Industrial .....	37,972	49.8	17.2	15,131	30.1	12
Commercial .....	16,200	21.2	24.5	11,694	23.3	159
Totals .....	76,328	100.0	16.9	50,259	100.0	1,778

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustment to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1969

No.		Mcf.		
		New Brunswick	Quebec	Ontario
	<u>Receipts</u>			
1	By transport systems			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	By distribution systems			
2a	Fields .....	8,655	11,680	507,749
2b	Processing plants .....	-	-	525,641
3	Total (1 + 2) .....	8,655	11,680	1,033,390
4	Imports .....	-	-	4,246,965
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	8,655	11,680	5,280,355
7	Received from storage .....	-	-	1,033,862
9	Total supply of gas utilities (6 + 7) .....	8,655	11,680	6,314,217
	<u>Transfers from</u>			
11	Other provinces .....	-	4,326,031	36,004,274
12	Distribution to transport (primary) .....	-	-	630,275
13	Other gas utilities .....	-	3,930,613	35,775,236
19	Total gross receipts (9 + 11 + 12 + 13) ...	8,655	8,268,324	78,724,002
	<u>Disposition</u>			
	<u>Sales</u>			
20	Residential .....	3,842	1,092,553	10,072,089
21	Industrial .....	-	2,608,514	15,882,640
22	Commercial .....	2,818	533,431	7,208,067
30	Total sales (20 + 21 + 22) .....	6,660	4,234,498	33,162,796
31	Exports .....	-	163,406	482,217
32	Other deliveries .....	-	-	1,729
33	Total net deliveries (30 + 31 + 32) .....	6,660	4,397,904	33,646,742
34	Delivered to storage .....	-	-	6,214,852
35	Line pack fluctuation .....	-	1,863	5,240
36	Gas used in system .....	1,995	10,459	2,710,732
37	Line losses and unaccounted for .....	-	72,515	4,585,106
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,655	4,337,711	37,992,460
	<u>Transfers to</u>			
40	Other provinces .....	-	-	4,326,031
41	Distribution by transport (primary) .....	-	3,922,239	31,958,069
42	Other gas utilities .....	-	8,374	4,447,442
49	Total disposition (39 + 40 + 41 + 42) .....	8,655	8,268,324	78,724,002

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

April 1969

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	April 1968	No.
					Canada	
Mcf.						
-	-	8,271,874	474,560	8,746,434	6,786,420	1a
-	-	79,667,618	21,549,058	101,216,676	78,847,295	1b
-	1,874,733	9,940,729	-	12,343,546	10,280,402	2a
-	1,970,920	9,037,764	64,610	11,598,935	13,100,441	2b
-	3,845,653	106,917,985	22,088,228	133,905,591	109,014,558	3
-	-	7,499	-	4,254,464	8,023,099	4
116,247	-	6,305	79	122,631	50,491	5
116,247	3,845,653	106,931,789	22,088,307	138,282,686	117,088,148	6
-	58,198	26,908	-	1,118,968	1,699,586	7
116,247	3,903,851	106,958,697	22,088,307	139,401,654	118,787,734	9
51,992,351	56,110,951	-	28,726,257	-	-	11
-	2,235,034	-	70,297	-	-	12
3,289,987	2,436,366	1,759,459	8,268,964	4,695,065	7,876,540	13
55,398,585	64,686,202	5,556,354	-	59,257,520	46,414,522	19
114,274,510	-	-	59,153,825	203,354,239	173,078,796	
1,803,212	2,278,391	4,714,377	2,191,149	22,155,613	19,197,119	20
1,337,602	3,708,109	9,849,379	4,585,593	37,971,837	33,105,949	21
1,454,348	1,349,325	4,049,452	1,603,026	16,200,467	13,013,115	22
4,595,162	7,335,825	18,613,208	8,379,768	76,327,917	65,316,183	30
11,576,108	-	3,155,633	40,537,556	55,914,920	48,402,731	31
-	54,699	328,184	-	384,612	258,805	32
16,171,270	7,390,524	22,097,025	48,917,324	132,627,449	113,977,719	33
-	1,333,406	777,580	-	8,325,838	5,296,028	34
477,945	230,299	74,901	16,219	624,227	226,267	35
651,163	1,084,761	937,648	1,736,047	7,132,805	4,958,274	36
- 1,196,054	- 2,016,539	- 1,615,863	177,412	- 9,308,665	- 5,218,020	37
16,104,324	8,022,451	22,121,489	50,814,564	139,401,654	118,787,734	39
36,004,274	51,992,351	84,837,208	-	-	-	40
3,289,987	2,436,366	1,175,654	296,665	43,078,980	41,092,001	41
-	2,235,034	6,140,159	8,042,596	20,873,605	13,199,061	42
55,398,585	64,686,202	114,274,510	59,153,825	203,354,239	173,078,796	49

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1969

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	10,645,974	9,370,792	10,004,935	8,746,434	
1b	Processing plants .....	103,471,100	98,866,494	106,477,068	101,216,676	
2	<u>By distribution systems</u>					
2a	Fields .....	23,816,813	17,573,872	16,238,711	12,343,546	
2b	Processing plants .....	15,630,395	13,274,977	13,998,555	11,598,935	
3	Total (1 + 2) .....	153,564,282	139,086,135	146,719,269	133,905,591	
4	Imports .....	2,968,411	2,852,203	4,201,424	4,254,464	
5	Other receipts(1) .....	304,789	117,525	121,651	122,631	
6	Total net receipts (3 + 4 + 5) .....	156,837,482	142,055,863	151,042,344	138,282,686	
7	Received from storage .....	17,417,972	10,028,714	6,752,190	1,118,968	
9	Total supply of gas utilities (6 + 7) .....	174,255,454	152,084,577	157,794,534	139,401,654	
	<u>Transfers from</u>					
11	Other provinces .....	...	...	...	...	
12	Distribution to transport (primary) .....	5,983,105	5,504,292	5,454,353	4,695,065	
13	Other gas utilities .....	71,983,013	64,050,999	68,712,721	59,257,520	
19	Total gross receipts (9 + 11 + 12 + 13) ...	252,221,572	221,639,868	231,961,608	203,354,239	
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	41,725,382	35,851,699	29,424,197	22,155,613	
21	Industrial .....	37,311,788	35,327,155	38,571,351	37,971,837	
22	Commercial .....	26,478,302	24,182,583	20,187,396	16,200,467	
30	Total sales (20 + 21 + 22) .....	105,515,472	95,361,437	88,182,944	76,327,917	
31	Exports .....	58,033,790	53,393,931	56,607,382	55,914,920	
32	Other deliveries .....	1,459,750	1,585,935	1,370,907	384,612	
33	Total net deliveries (30 + 31 + 32) .....	165,009,012	150,341,303	146,161,233	132,627,449	
34	Delivered to storage .....	695,411	1,054,029	1,669,249	8,325,838	
35	Line pack fluctuation .....	- 647,899	520,208	41,319	624,227	
36	Gas used in system .....	7,388,026	7,262,667	7,989,697	7,132,805	
37	Line losses and unaccounted for .....	1,810,904	- 7,093,630	1,933,036	- 9,308,665	
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	174,255,454	152,084,577	157,794,534	139,401,654	
	<u>Transfers to</u>					
40	Other provinces .....	...	...	...	...	
41	Distribution by transport (primary) .....	53,908,468	49,457,245	35,968,526	43,078,980	
42	Other gas utilities .....	24,057,650	20,098,046	38,198,548	20,873,605	
49	Total disposition (39 + 40 + 41 + 42) .....	252,221,572	221,639,868	231,961,608	203,354,239	

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1969

June	July	August	September	October	November	December	Year to date		No.
							1969	1968	
Mcf.									
							38,768,135 410,031,338	29,246,870 345,197,760	1a 1b
							69,972,942 54,502,862	52,740,053 56,940,704	2a 2b
							573,275,277	484,125,387	3
							14,276,502 666,596	29,907,981 289,433	4 5
							588,218,375	514,322,801	6
							35,317,844	34,317,098	7
							623,536,219	548,639,899	9
							...	...	11
							21,636,815 264,004,253	29,794,370 218,545,574	12 13
							909,177,287	796,979,843	19
							129,156,891 149,182,131 87,048,748	115,824,141 132,856,932 71,595,604	20 21 22
							365,387,770	320,276,677	30
							223,950,023 4,801,204	202,287,266 2,643,109	31 32
							594,138,997	525,207,052	33
							11,744,527 537,855	8,299,818 1,002,244	34 35
							29,773,195 - 12,658,355	21,939,012 - 7,808,227	36 37
							623,536,219	548,639,899	39
							...	...	40
							182,413,219 103,227,849	175,160,449 73,179,495	41 42
							909,177,287	796,979,843	49

TABLE 3. Receipts and Disposition of Natural Gas by Source

April 1969

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	<u>By transport systems</u>								
1a	Fields .....	-	-	-	-	8,271,874	474,560	-	8,746,434
1b	Processing plants .....	-	-	-	-	79,667,618	21,549,058	-	101,216,676
2	<u>By distribution systems</u>								
2a	Fields .....	8,655	11,680	507,749	1,874,733	9,940,729	-	-	12,343,546
2b	Processing plants .....	-	-	525,641	1,970,920	9,037,764	64,610	-	11,598,935
3	Total (1 + 2) .....	8,655	11,680	1,033,390	3,845,653	106,917,985	22,088,228	-	133,905,591
4	Imports .....	-	-	-	-	-	-	4,254,464	4,254,464
5	Other receipts(1) .....	-	-	-	-	122,552	79	-	122,631
6	Total net receipts (3 + 4 + 5) .....	8,655	11,680	1,033,390	3,845,653	107,040,537	22,088,307	4,254,464	138,282,686
7	Received from storage .....	-	-	1,033,862	58,198	26,908	-	-	1,118,968
9	Total supply of gas utilities (6 + 7) .....	8,655	11,680	2,067,252	3,903,851	107,067,445	22,088,307	4,254,464	139,401,654
	<u>Disposition</u>								
	<u>Sales</u>								
23	British Columbia .....	-	-	-	-	1,208,621	7,171,147	-	8,379,768
24	Alberta .....	-	-	-	-	18,605,205	-	8,003	18,613,208
25	Saskatchewan .....	-	-	-	4,361,712	2,974,113	-	-	7,335,825
26	Manitoba .....	-	-	-	-	4,595,162	-	-	4,595,162
27	Ontario .....	-	-	2,746,179	-	26,169,652	-	4,246,965	33,162,796
28	Quebec .....	-	11,680	-	-	4,222,818	-	-	4,234,498
29	New Brunswick .....	6,660	-	-	-	-	-	-	6,660
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	6,660	11,680	2,746,179	4,361,712	57,775,571	7,171,147	4,254,968	76,327,917
31	Exports .....	-	-	-	-	42,568,716	13,346,204	-	55,914,920
32	Other deliveries .....	-	-	-	-	384,612	-	-	384,612
33	Total net deliveries (30 + 31 + 32) .....	6,660	11,680	2,746,179	4,361,712	100,728,899	20,517,351	4,254,968	132,627,449
34	Delivered to storage .....	-	-	-	1,333,406	6,992,432	-	-	8,325,838
35	Line pack fluctuation .....	-	-	-	213,269	439,274	- 28,316	-	624,227
36	Gas used in system .....	1,995	-	49,782	8,171	5,578,313	1,494,544	-	7,132,805
37	Line losses and unaccounted for .....	-	-	- 728,709	-2,012,707	- 6,671,473	104,728	- 504	- 9,308,666
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,655	11,680	2,067,252	3,903,851	107,067,445	22,088,307	4,254,464	139,401,654

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.

TABLE 4. Operating Statistics: Natural Gas Utilities

April 1969

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
<u>Daily sendouts (Mcf.)</u>			
April 1969			
Daily average .....	3,299,797	2,544,264	4,498,443
Maximum(1) .....	3,919,269	...	...
Minimum(1) .....	3,195,683	...	...
Exports maximum(1) .....	1,915,406	...	...
April 1968			
Daily average .....	2,983,157	2,177,172	3,958,767
Maximum(1) .....	3,346,767	...	...
Minimum(1) .....	2,663,949	...	...
Year to date 1969			
Daily average .....	3,345,154	3,044,898	5,049,029
Maximum(1) .....	4,008,770	...	...
Minimum(1) .....	3,195,683	...	...
<u>Commodity miles</u>			
Mcf. miles (thousands) .....	86,326,857	..	..
Ton-miles (millions) .....	1,968	..	..
<u>Line pack</u>			
Beginning of month (Mcf.) .....	8,690,818	..	..
End of month (Mcf.) .....	8,603,863	..	..
Operating revenues .....	(\$)	50,259,088	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

April 1969

	Manufactured	Liquefied petroleum gases
Mcf.		
Gas receipts .....	50,243	89,545
Deliveries to ultimate customers .....	46,777	88,584
Line pack fluctuations .....	-	271
Gas used in system .....	-	549
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	3,466	141
Total disposition .....	50,243	89,545
Daily average sendout .....	1,675	2,985
Revenues .....	(\$)	139,734

TABLE 6. Sales of Natural Gas

No.		April 1969			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	<u>Residential</u>				
1	New Brunswick .....	130	1,743	3,842	12,603
2	Quebec .....	102,252	202,702	1,092,553	2,001,039
3	Ontario .....	577,250	707,293	10,072,089	12,138,092
4	Manitoba .....	106,022	108,300	1,803,212	1,535,503
5	Saskatchewan .....	119,819	122,243	2,278,391	1,733,290
6	Alberta .....	263,010	265,562	4,714,377	2,571,116
7	British Columbia .....	181,003	199,082	2,191,149	3,442,048
8	Canada .....	1,349,486	1,606,925	22,155,613	23,433,691
	<u>Industrial</u>				
9	New Brunswick .....	-	-	-	-
10	Quebec .....		2,157	2,608,514	1,368,066
11	Ontario .....		8,388	15,882,640	8,992,156
12	Manitoba .....		299	1,337,602	399,501
13	Saskatchewan .....		631	3,708,109	1,087,152
14	Alberta .....		540	9,849,379	1,823,748
15	British Columbia .....		295	4,585,593	1,460,392
16	Canada .....		12,310	37,971,837	15,131,015
17	Firm .....		11,694	30,710,783	12,349,565
18	Interruptible .....		616	7,261,053	2,781,450
	<u>Commercial</u>				
19	New Brunswick .....		66	2,818	5,832
20	Quebec .....		10,383	533,431	598,326
21	Ontario .....		65,493	7,208,067	6,253,116
22	Manitoba .....		10,520	1,454,348	980,692
23	Saskatchewan .....		16,971	1,349,325	780,758
24	Alberta .....		30,231	4,049,452	1,577,450
25	British Columbia .....		25,816	1,603,026	1,498,208
26	Canada .....		159,480	16,200,467	11,694,382
	<u>Total sales</u>				
27	New Brunswick .....		1,809	6,660	18,435
28	Quebec .....		215,242	4,234,498	3,967,431
29	Ontario .....		781,174	33,162,796	27,383,364
30	Manitoba .....		119,119	4,595,162	2,915,696
31	Saskatchewan .....		139,845	7,335,825	3,601,200
32	Alberta .....		296,333	18,613,208	5,972,314
33	British Columbia .....		225,193	8,379,768	6,400,648
34	Canada .....		1,778,715	76,327,917	50,259,088

... Figures not appropriate or not applicable.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		April 1969		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Residential .....	11,199	42,650	78,137
2	Industrial .....	8	583	773
3	Commercial .....	2,235	45,351	60,824
4	Total .....	13,442	88,584	139,734

TABLE 6. Sales of Natural Gas

April 1969		April 1968				
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	No.
		Space heating	Total			
Mcf.	\$	No.		Mcf.		
2.2	3.28	130	1,893	3,693	12,577	1
5.4	1.83	94,311	203,426	1,376,578	2,241,796	2
14.2	1.21	548,835	679,572	8,523,601	10,426,254	3
16.7	0.85	100,025	102,541	1,635,202	1,455,604	4
18.6	0.76	112,175	117,654	1,979,243	1,473,898	5
17.8	0.55	249,697	252,373	4,455,562	2,408,411	6
11.0	1.57	169,866	190,466	1,931,534	2,812,305	7
13.8	1.06	1,275,039	1,547,925	19,905,413	20,830,845	8
-	-	-	-	-	-	9
1,209	0.52	-	2,241	1,336,681	419,460	10
1,893	0.57	-	7,444	12,583,284	7,106,214	11
4,473	0.30	-	295	1,680,918	481,858	12
5,877	0.29	-	608	4,542,000	1,038,404	13
18,240	0.19	-	563	8,154,241	1,557,992	14
15,544	0.32	-	274	4,099,531	1,706,783	15
3,085	0.40	-	11,425	32,396,655	12,310,711	16
-	-	-	10,258	20,832,108	8,625,581	17
-	-	-	1,167	11,564,547	3,685,130	18
42.6	2.07	-	60	2,266	4,780	19
51.4	1.12	-	10,215	517,407	627,675	20
110.1	0.87	-	60,690	5,023,543	4,407,731	21
138.2	0.67	-	9,247	1,214,658	855,275	22
79.5	0.58	-	16,099	1,135,555	625,435	23
134.0	0.39	-	28,279	3,779,367	1,442,888	24
62.1	0.93	-	24,619	1,340,319	1,550,108	25
101.6	0.72	-	149,209	13,013,115	9,513,892	26
3.7	2.77	-	1,953	5,959	17,357	27
19.7	0.93	-	215,882	3,230,666	3,288,931	28
42.5	0.83	-	747,706	26,130,428	21,940,199	29
33.7	0.63	-	112,083	4,530,778	2,792,737	30
52.5	0.49	-	134,361	7,656,798	3,137,737	31
62.8	0.32	-	281,215	16,389,170	5,409,291	32
37.2	0.76	-	215,359	7,371,384	6,069,196	33
42.9	0.66	-	1,708,559	65,315,183	42,655,448	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

April 1969				No.
Manufactured gas				
Customers	Gas sold	Revenue		
No.	Mcf.	\$		
1,566	7,223	8,935	1	
19	30,634	10,923	2	
470	8,920	10,573	3	
2,055	46,777	30,431	4	

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	April 1969			
	Residential	Industrial	Commercial	Total
	Mcf.			
<u>Sales</u>				
New Brunswick .....	4,635		3,400	8,035
Quebec .....	1,112,875	2,650,245	543,005	4,306,125
Ontario .....	10,732,079	16,049,657	7,250,581	34,032,317
Manitoba .....	1,821,918	1,348,201	1,470,825	4,640,944
Saskatchewan .....	2,290,761	3,728,242	1,356,651	7,375,654
Alberta .....	4,968,820	10,251,306	4,295,646	19,515,772
British Columbia .....	2,288,584	4,787,255	1,673,227	8,749,066
Canada .....	23,219,672	38,814,906	16,593,335	78,627,913

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	April 1969						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	165,694	488,968	11,772,902	3,216,470	42,469,326	58,113,360	232,620,100
Imports .....	-	4,284,823	-	7,499	-	4,292,322	14,450,80

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	April 1969	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	79,893	22,628



TABLE 11. Exports and Imports to and from the United States

April 1969

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	163,406	-
Ontario - Cornwall .....	482,217	-
Niagara Falls .....	-	2,624,665
Ojibway .....	-	1,622,300
Total Ontario .....	482,217	4,246,965
Manitoba - Emerson .....	11,576,108	-
Alberta - Aden .....	1,396,082	-
Carway .....	1,759,487	-
Coutts .....	64	7,499
Total Alberta .....	3,155,633	7,499
British Columbia - Kingsgate - U.S.A. District V South(1) .....	21,766,895	-
Other U.S.A. ....	4,050,546	-
Huntingdon .....	14,720,115	-
Total British Columbia .....	40,537,556	-
Canada - April 1969 .....	55,914,920	4,254,464
1968 .....	48,402,731	8,023,099
Year to date - 1969 .....	223,950,023	14,276,502
1968 .....	202,287,266	29,907,981
Value - April 1969 ..... (\$)	14,689,479	1,888,097
1968 ..... (\$)	13,153,800	5,208,146

(1) California, Nevada, Arizona.



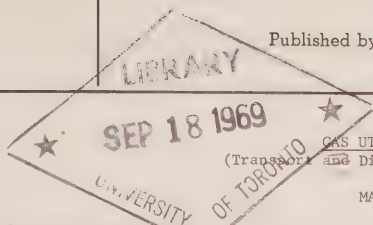
## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 11, No. 5

Price: 20 cents, \$2.00 a year



CAS UTILITIES  
(Transport and Distribution Systems)

MAY 1969

During May field gathering systems and processing plants delivered to gas utilities 116,833,219 Mcf. of natural gas. The transport systems accounted for 95,666,774 Mcf. and the distribution systems 21,166,445 Mcf. Natural gas imported from the U.S.A. was 4,101,579 Mcf. and the volume recovered from storage was 3,365,083 Mcf. The disposition of the gas utilities supply is shown in the following table.

Disposition	Volume '000 Mcf.	% of total supply	% increase over May 1968	Revenue \$'000	% of total revenue
Ultimate customers .....	59,956	48.2	3.2	36,399	71.7
Exports .....	55,640	44.8	15.9	14,342	28.3
Other uses and adjustments .....	8,713	7.0	...	...	...
Totals .....	124,309	100.0	10.6	50,741	100.0

... Figures not appropriate or applicable.

Transport system traffic which represents virtually all of the major "intercity" movements of natural gas, amounted to 82.5 billion commodity (Mcf.) miles (1,882 million ton miles) during May compared with 74.3 billion (Mcf.) miles (1,693 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.9 million Mcf.

Alberta natural gas utilities receipts totalled 92.5 billion cubic feet; of this 15.9 per cent was sold to ultimate customers in Alberta, 19.4 per cent in Ontario, 4.5 per cent in Quebec, 2.3 per cent in Saskatchewan, 0.8 per cent in British Columbia and 3.4 per cent in Manitoba. Exports accounted for 45.2 per cent and the remaining 8.5 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.

In Table 3 "gas received from storage" is considered as having originated in the province where the storage is located and "gas delivered to storage" as a terminal delivery by the originating province.

There was an overall increase in distributor sales and revenues during May compared to the same month for the previous year. Details are contained in the following table.

Sales category	Sales '000 Mcf.	% of total sales	% increase over May 1968	Revenue \$'000	% of sales revenue	Number of customers
Residential .....	12,852	21.4	- 5.0	14,139	38.8	1,614
Industrial .....	36,983	61.7	5.8	14,529	39.9	12
Commercial .....	10,121	16.9	5.4	7,731	21.3	159
Totals .....	59,956	100.0	3.2	36,399	100.0	1,785

All gas volumes in Tables 1-7 and Table 11 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F; that is, without adjustments to a common B.T.U. base. Gas sales, exports and imports containing 1,000 B.T.U.'s per cubic foot are given separately in Tables 8-10.

Residential sales and a substantial portion of the smaller commercial sales are for the most part "displacement meter" sales and adjustments to a common base are only close approximations; industrial and larger commercial sales are for the most part "orifice meter" sales which are easily adjusted to the common base. All sales are reported on a billing month basis, consequently "line losses and unaccounted for" include cyclical billing adjustments.

A companion publication "Crude Petroleum and Natural Gas Production", Catalogue No. 26-006 gives a comprehensive review of the Supply and Disposition of Natural Gas.

Manufacturing and Primary Industries Division

August 1969  
6503-509

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

May 1969

No.		New Brunswick	Quebec	Ontario
		Mcf.		
	<u>Receipts</u>			
1	<u>By transport systems</u>			
1a	Fields .....	-	-	-
1b	Processing plants .....	-	-	-
2	<u>By distribution systems</u>			
2a	Fields .....	8,407	9,183	333,187
2b	Processing plants .....	-	-	543,732
3	Total (1 + 2) .....	8,407	9,183	876,919
4	Imports .....	-	-	4,096,451
5	Other receipts(1) .....	-	-	-
6	Total net receipts (3 + 4 + 5) .....	8,407	9,183	4,973,370
7	Received from storage .....	-	-	3,315,953
9	Total supply of gas utilities (6 + 7) .....	8,407	9,183	8,289,323
	<u>Transfers from</u>			
11	Other provinces .....	-	4,178,423	27,229,478
12	Distribution to transport (primary) .....	-	-	617,520
13	Other gas utilities .....	-	3,767,874	27,218,004
19	Total gross receipts (9 + 11 + 12 + 13) ...	8,407	7,955,480	63,354,325
	<u>Disposition</u>			
	<u>Sales</u>			
20	Residential .....	2,833	567,888	6,065,105
21	Industrial .....	-	3,102,704	15,913,205
22	Commercial .....	1,784	480,626	4,570,257
30	Total sales (20 + 21 + 22) .....	4,617	4,151,218	26,548,567
31	Exports .....	-	154,690	433,611
32	Other deliveries .....	-	-	585
33	Total net deliveries (30 + 31 + 32) .....	4,617	4,305,908	26,982,763
34	Delivered to storage .....	-	-	3,900,782
35	Line pack fluctuation .....	-	- 6,300	19,940
36	Gas used in system .....	-	15,567	1,664,236
37	Line losses and unaccounted for .....	3,790	- 127,569	- 1,227,343
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,407	4,187,606	31,340,378
	<u>Transfers to</u>			
40	Other provinces .....	-	-	4,178,423
41	Distribution by transport (primary) .....	-	-	23,658,469
42	Other gas utilities .....	-	3,767,874	4,177,055
49	Total disposition (39 + 40 + 41 + 42) .....	8,407	7,955,480	63,354,325

(1) Includes peak shaving and enrichment.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

May 1969

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	May 1968	No.
					Canada	
Mcf.						
-	-	5,545,347	94,981	5,640,328	4,941,927	1a
-	-	70,131,299	19,895,147	90,026,446	77,965,932	1b
-	1,764,739	8,920,003	-	11,035,519	9,326,069	2a
-	1,682,715	7,857,886	46,593	10,130,926	11,950,943	2b
-	3,447,454	92,454,535	20,036,721	116,833,219	104,184,871	3
-	-	5,128	-	4,101,579	7,772,695	4
4,771	-	4,269	48	9,088	9,813	5
4,771	3,447,454	92,463,932	20,036,769	120,943,886	111,967,379	6
-	23,228	25,902	-	3,365,083	463,232	7
4,771	3,470,682	92,489,834	20,036,769	124,308,969	112,430,611	9
41,975,974	45,397,003	-	27,636,467	...	...	11
2,902,996	1,257,564	1,172,345	45,645	5,996,070	4,714,484	12
-	1,957,339	5,467,852	5,890,566	44,301,635	46,497,993	13
44,883,741	52,082,588	99,130,031	53,609,447	174,606,674	163,643,088	19
913,693	1,321,321	2,967,737	1,013,330	12,851,907	13,524,418	20
1,480,982	3,314,516	9,190,854	3,980,302	36,982,563	34,944,543	21
684,370	679,892	2,587,192	1,116,947	10,121,068	9,601,219	22
3,079,045	5,315,729	14,745,783	6,110,579	59,955,538	58,070,180	30
11,269,183	-	3,275,381	40,507,502	55,640,367	47,994,970	31
-	54,933	235,988	-	291,506	48,811	32
14,348,228	5,370,662	18,257,152	46,618,081	115,887,411	106,113,961	33
-	935,882	780,783	-	5,617,447	5,383,128	34
- 84,228	72,338	- 125,242	- 1,345	- 124,837	- 96,726	35
382,526	787,347	839,296	1,258,237	4,947,209	4,878,126	36
104,741	- 274,518	- 295,625	- 201,737	- 2,018,261	- 3,847,878	37
14,751,267	6,891,711	19,456,364	47,673,236	124,308,969	112,430,611	39
27,229,478	41,975,974	73,033,470	-	...	...	40
2,902,996	1,957,339	871,313	5,839,278	35,229,395	39,307,349	41
-	1,257,564	5,768,884	96,933	15,068,310	11,905,128	42
44,883,741	52,082,588	99,130,031	53,609,447	174,606,674	163,643,088	49

... Figures not appropriate or not applicable.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1969

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	10,645,974	9,370,792	10,004,935	8,746,434	5,640,328
1b	Processing plants .....	103,471,100	98,866,494	106,477,068	101,216,676	90,026,446
2	<u>By distribution systems</u>					
2a	Fields .....	23,816,813	17,573,872	16,238,711	12,343,546	11,035,519
2b	Processing plants .....	15,630,395	13,274,977	13,998,555	11,598,935	10,130,926
3	Total (1 + 2) .....	153,564,282	139,086,135	146,719,269	133,905,591	116,833,219
4	Imports .....	2,968,411	2,852,203	4,201,424	4,254,464	4,101,579
5	Other receipts(1) .....	304,789	117,525	121,651	122,631	9,088
6	Total net receipts (3 + 4 + 5) .....	156,837,482	142,055,863	151,042,344	138,282,686	120,943,886
7	Received from storage .....	17,417,972	10,028,714	6,752,190	1,118,968	3,365,083
9	Total supply of gas utilities (6 + 7) .....	174,255,454	152,084,577	157,794,534	139,401,654	124,308,969
	<u>Transfers from</u>					
11	Other provinces .....	...	...	...	...	...
12	Distribution by transport (primary) .....	5,983,105	5,504,292	5,454,353	4,695,065	5,996,070
13	Other gas utilities .....	71,983,013	64,050,999	68,712,721	59,257,520	44,301,635
19	Total gross receipts (9 + 11 + 12 + 13) ...	252,221,572	221,639,868	231,961,608	203,354,239	174,606,674
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	41,725,382	35,851,699	29,424,197	22,155,613	12,851,907
21	Industrial .....	37,311,788	35,327,155	38,571,351	37,971,837	36,982,563
22	Commercial .....	26,478,302	24,182,583	20,187,396	16,200,467	10,121,068
30	Total sales (20 + 21 + 22) .....	105,515,472	95,361,437	88,182,944	76,327,917	59,955,538
31	Exports .....	58,033,790	53,393,931	56,607,382	55,914,920	55,640,367
32	Other deliveries .....	1,459,750	1,585,935	1,370,907	384,612	291,506
33	Total net deliveries (30 + 31 + 32) .....	165,009,012	150,341,303	146,161,233	132,627,449	115,887,411
34	Delivered to storage .....	695,411	1,054,029	1,669,249	8,325,838	5,617,447
35	Line pack fluctuation .....	- 647,899	520,208	41,319	624,227	- 124,837
36	Gas used in system .....	7,388,026	7,262,667	7,989,697	7,132,805	4,947,209
37	Line losses and unaccounted for .....	1,810,904	- 7,093,630	1,933,036	- 9,308,665	- 2,018,261
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	174,255,454	152,084,577	157,794,534	139,401,654	124,308,969
	<u>Transfers to</u>					
40	Other provinces .....	...	...	...	...	...
41	Distribution by transport (primary) .....	53,908,468	49,457,245	35,968,526	43,078,980	35,229,395
42	Other gas utilities .....	24,057,650	20,098,046	38,198,548	20,873,605	15,068,310
49	Total disposition (39 + 40 + 41 + 42) .....	252,221,572	221,639,868	231,961,608	203,354,239	174,606,674

(1) Includes peak shaving and enrichment.

... Figures not appropriate or not applicable.



TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada, 1969

June	July	August	September	October	November	December	Year to date		No.
							1969	1968	
Mcf.									
							44,408,463 500,057,784	34,188,797 423,163,692	1a 1b
							81,008,461 64,633,788	62,066,122 68,891,647	2a 2b
							690,108,496	588,310,258	3
							18,378,081 675,684	37,680,676 299,246	4 5
							709,162,261	626,290,180	6
							38,682,927	34,780,330	7
							747,845,188	661,070,510	9
							...	...	11
							27,632,885 308,305,888	34,508,854 265,043,567	12 13
							1,083,783,961	960,622,931	19
							142,008,798 186,164,694 97,169,816	129,348,559 167,801,475 81,196,823	20 21 22
							425,343,308	378,346,857	30
							279,590,390 5,092,710	250,282,236 2,691,920	31 32
							710,026,408	631,321,013	33
							17,361,974 413,018	13,682,946 905,518	34 35
							34,720,404 - 14,676,616	26,817,138 - 11,656,105	36 37
							747,845,188	661,070,510	39
							...	...	40
							217,642,614 118,296,159	214,467,798 85,084,623	41 42
							1,083,783,961	960,622,931	49

... Figures not appropriate or not applicable.

TABLE 3. Receipts and Disposition of Natural Gas by Source

May 1969

No.		New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
		Mcf.							
	<u>Receipts</u>								
1	<u>By transport systems</u>								
1a	Fields .....	-	-	-	-	5,545,347	94,981	-	5,640,328
1b	Processing plants .....	-	-	-	-	70,131,299	19,895,147	-	90,026,446
	<u>By distribution systems</u>								
2a	Fields .....	8,407	9,183	333,187	1,764,739	8,920,003	-	-	11,035,519
2b	Processing plants .....	-	-	543,732	1,682,715	7,857,886	46,593	-	10,130,926
3	Total (1 + 2) .....	8,407	9,183	876,919	3,447,454	92,454,535	20,036,721	-	116,833,219
4	Imports .....	-	-	-	-	-	-	4,101,579	4,101,579
5	Other receipts(1) .....	-	-	-	-	9,040	48	-	9,088
6	Total net receipts (3 + 4 + 5) .....	8,407	9,183	876,919	3,447,454	92,463,575	20,036,769	4,101,579	120,943,886
7	Received from storage .....	-	-	3,315,953	23,228	25,902	-	-	3,365,083
9	Total supply of gas utilities (6 + 7) .....	8,407	9,183	4,192,872	3,470,682	92,489,477	20,036,769	4,101,579	124,308,969
	<u>Disposition</u>								
	<u>Sales</u>								
23	British Columbia .....	-	-	-	-	731,417	5,379,162	-	6,110,579
24	Alberta .....	-	-	-	-	14,740,603	-	5,180	14,745,783
25	Saskatchewan .....	-	-	-	3,205,287	2,110,442	-	-	5,315,729
26	Manitoba .....	-	-	-	-	3,079,045	-	-	3,079,045
27	Ontario .....	-	-	4,504,414	-	17,947,702	-	4,096,451	26,548,567
28	Quebec .....	-	9,183	-	-	4,142,035	-	-	4,151,218
29	New Brunswick .....	4,617	-	-	-	-	-	-	4,617
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	4,617	9,183	4,504,414	3,205,287	42,751,244	5,379,162	4,101,631	59,955,538
31	Exports .....	-	-	-	-	41,777,427	13,862,940	-	55,640,367
32	Other deliveries .....	-	-	-	-	291,506	-	-	291,506
33	Total net deliveries (30 + 31 + 32) .....	4,617	9,183	4,504,414	3,205,287	84,820,177	19,242,102	4,101,631	115,887,411
34	Delivered to storage .....	-	-	-	935,882	4,681,565	-	-	5,617,447
35	Line pack fluctuation .....	-	-	-	7,533	- 137,053	4,683	-	- 124,837
36	Gas used in system .....	-	-	33,879	156,139	3,720,661	1,036,530	-	4,947,209
37	Line losses and unaccounted for .....	3,790	-	- 345,421	- 834,159	- 595,873	- 246,546	- 52	- 2,018,261
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,407	9,183	4,192,872	3,470,682	92,489,477	20,036,769	4,101,579	124,308,969

(1) Includes peak shaving and enrichment.

TABLE 4. Operating Statistics: Natural Gas Utilities

May 1969

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
<u>Daily sendouts (Mcf.)</u>			
May 1969:			
Daily average .....	2,931,283	1,934,050	3,919,511
Maximum(1) .....	3,636,517	...	...
Minimum(1) .....	2,527,670	...	...
Exports maximum(1) .....	1,883,466	...	...
May 1968:			
Daily average .....	2,816,203	1,873,231	3,596,680
Maximum(1) .....	3,157,619	...	...
Minimum(1) .....	2,098,891	...	...
Year to date 1969:			
Daily average .....	3,281,130	2,816,842	4,817,142
Maximum(1) .....	4,008,770	...	...
Minimum(1) .....	2,527,670	...	...
<u>Commodity miles</u>			
Mcf. miles (thousands) .....	82,543,947	..	..
Ton-miles (millions) .....	1,882	..	..
<u>Line pack</u>			
Beginning of month (Mcf.) .....	8,603,863	..	..
End of month (Mcf.) .....	8,581,689	..	..
Operating revenues .....	\$ ..	37,231,299	..

(1) Non-coincident.

.. Figures not available.

... Figures not appropriate or not applicable.

TABLE 5. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

May 1969

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	44,007	67,166
Deliveries to ultimate customers .....	47,106	47,253
Line pack fluctuations .....	-	-
Gas used in system .....	-	598
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	- 3,099	19,315
Total disposition .....	44,007	67,166
Daily average sendout .....	1,420	2,167
Revenues .....	\$ 35,450	84,338

TABLE 6. Sales of Natural Gas

No.		May 1969			
		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	<u>Residential</u>				
1	New Brunswick .....	130	1,724	2,833	9,679
2	Quebec .....	104,286	207,600	567,888	1,120,442
3	Ontario .....	574,308	709,443	6,065,105	7,554,605
4	Manitoba .....	106,282	108,554	913,693	863,023
5	Saskatchewan .....	118,975	121,382	1,321,321	1,168,580
6	Alberta .....	263,118	265,454	2,967,737	1,860,529
7	British Columbia .....	182,698	199,794	1,013,330	1,562,617
8	Canada .....	1,349,797	1,613,951	12,851,907	14,139,475
	<u>Industrial</u>				
9	New Brunswick .....	-	-	-	-
10	Quebec .....	2,064	2,064	3,102,704	1,505,403
11	Ontario .....	8,335	8,335	15,913,205	8,567,202
12	Manitoba .....	293	293	1,480,982	427,719
13	Saskatchewan .....	627	627	3,314,516	954,296
14	Alberta .....	545	545	9,190,854	1,707,899
15	British Columbia .....	306	306	3,980,302	1,366,684
16	Canada .....	12,170	12,170	36,982,563	14,529,203
17	Firm .....		11,480	28,618,919	11,417,023
18	Interruptible .....		690	8,363,644	3,112,180
	<u>Commercial</u>				
19	New Brunswick .....	70	70	1,784	3,771
20	Quebec .....	10,302	10,302	480,626	573,598
21	Ontario .....	65,788	65,788	4,570,257	4,099,601
22	Manitoba .....	10,511	10,511	684,370	492,424
23	Saskatchewan .....	16,740	16,740	679,892	431,632
24	Alberta .....	29,991	29,991	2,587,192	1,069,198
25	British Columbia .....	25,663	25,663	1,116,947	1,061,061
26	Canada .....	159,065	159,065	10,121,068	7,731,285
	<u>Total sales</u>				
27	New Brunswick .....	1,794	1,794	4,617	13,450
28	Quebec .....	219,966	219,966	4,151,218	3,199,443
29	Ontario .....	783,566	783,566	26,548,567	20,221,408
30	Manitoba .....	119,358	119,358	3,079,045	1,783,166
31	Saskatchewan .....	138,749	138,749	5,315,729	2,554,508
32	Alberta .....	295,990	295,990	14,745,783	4,637,626
33	British Columbia .....	225,763	225,763	6,110,579	3,990,362
34	Canada .....	1,785,186	1,785,186	59,955,538	36,399,963

... Figures not appropriate or not applicable.

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		May 1969		
		Liquefied petroleum gases		
		Customers	Gas sold	Revenue
		No.	Mcf.	\$
1	Residential .....	10,966	23,466	51,332
2	Industrial .....	8	519	707
3	Commercial .....	2,221	23,268	32,299
4	Total .....	13,195	47,253	84,338

TABLE 6. Sales of Natural Gas

May 1969		May 1968				No.
Sales per customer	Revenue per Mcf.	Customers		Gas sold	Revenue	
		Space heating	Total			
Mcf.	\$	No.		Mcf.	\$	
1.6	3.42	125	1,881	3,499	11,988	1
2.7	1.97	93,306	201,170	459,798	1,206,799	2
8.5	1.25	549,917	683,263	6,022,220	7,454,129	3
8.4	0.94	99,544	102,064	1,071,799	1,011,052	4
10.9	0.88	112,651	117,941	1,482,956	1,197,778	5
11.2	0.63	250,733	252,713	3,364,041	1,960,689	6
5.1	1.54	170,862	190,219	1,120,105	1,606,273 <sup>r</sup>	7
11.7	1.10	1,277,138	1,549,251	13,524,418	14,448,708 <sup>r</sup>	8
-	-	-	-	-	-	9
1,503	0.49		2,239	2,546,332	1,216,465	10
1,909	0.54		7,432	13,548,101	7,243,513	11
5,054	0.29		285	1,530,011	436,928	12
5,287	0.29		598	4,148,263	998,242	13
16,864	0.19		637	8,531,020	1,598,229	14
13,008	0.34		293	4,640,816	1,923,860	15
3,039	0.39		11,484	34,944,543	13,417,237	16
			10,334	22,097,947	9,163,886	17
			1,150	12,846,596	4,253,351	18
25.5	2.11		60	1,751	3,710	19
46.7	1.19		10,224	347,595	452,780	20
69.5	0.90		60,946	3,872,012	3,485,659	21
65.1	0.72		9,138	800,673	593,054	22
40.6	0.63		16,130	706,651	429,322	23
86.3	0.41		28,513	2,830,446	1,116,293	24
43.5	0.95		24,534	1,042,091	1,206,732	25
63.6	0.85		149,545	9,601,219	7,287,550	26
2.6	2.91		1,941	5,250	15,698	27
18.9	0.77		213,633	3,353,725	2,876,044	28
33.9	0.76		751,641	23,442,333	18,183,301	29
25.8	0.58		111,487	3,402,483	2,041,034	30
38.3	0.48		134,669	6,337,870	2,625,342	31
49.8	0.27		281,863	14,725,507	4,675,211	32
27.1	0.79		215,046	6,803,012	4,736,865 <sup>r</sup>	33
33.6	0.62		1,710,280	58,070,180	35,153,495 <sup>r</sup>	34

TABLE 7. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas

May 1969				No.
Manufactured gas				
Customers	Gas sold		Revenue	
No.	Mcf.		\$	
1,521	9,745		12,817	1
18	26,147		9,488	2
470	11,214		13,145	3
2,009	47,106		35,450	4

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

	May 1969			
	Residential	Industrial	Commercial	Total
	Mcf.			
<u>Sales</u>				
New Brunswick .....	3,418	-	2,153	5,571
Quebec .....	575,966	3,146,790	487,437	4,210,193
Ontario .....	6,152,578	16,145,661	4,636,634	26,934,873
Manitoba .....	928,440	1,500,707	696,308	3,125,455
Saskatchewan .....	1,344,346	3,372,496	691,688	5,408,530
Alberta .....	3,128,027	9,665,946	2,749,569	15,543,542
British Columbia .....	1,064,001	4,178,991	1,174,718	6,417,710
Canada .....	13,196,776	38,010,591	10,438,507	61,645,874

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U.

	May 1969						
	Quebec	Ontario	Manitoba	Alberta	British Columbia	Total	Year to date total
	Mcf.						
Exports .....	157,010	440,115	11,438,220	3,353,848	42,602,197	57,991,390	290,611,490
Imports .....	-	4,124,681	-	5,128	-	4,129,809	18,580,616

TABLE 10. Pipeline Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U.

	May 1969	
	Liquefied petroleum gases	Manufactured gas
	Mcf.	
Totals .....	40,294	12,737



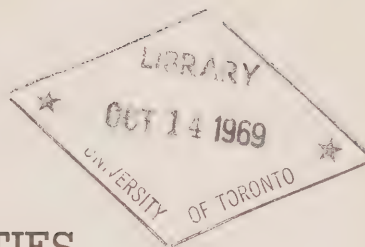
TABLE 11. Exports and Imports to and from the United States

May 1969

Province and customs port	Exports	Imports
	Mcf.	
Quebec - Phillipsburg .....	154,690	-
Ontario - Cornwall .....	433,611	-
Niagara Falls .....	-	450,356
Sarnia .....	-	1,988,657
Ojibway .....	-	1,657,438
Total Ontario .....	433,611	4,096,451
Manitoba - Emerson .....	11,269,183	-
Alberta - Aden .....	1,417,029	-
Carway .....	1,858,336	-
Coutts .....	16	5,128
Total Alberta .....	3,275,381	5,128
British Columbia - Kingsgate - U.S.A. District V South(1) .....	21,870,524	-
Other U.S.A. ....	3,752,315	-
Huntingdon .....	14,884,663	-
Total British Columbia .....	40,507,502	-
Canada - 1969 .....	55,640,367	4,101,579
1968 .....	47,994,970	7,772,695
Year to date - 1969 .....	279,590,390	18,378,081
1968 .....	250,282,236	37,680,676
Value - 1969 .....	14,341,976	1,789,917
1968 .....	12,237,944	3,523,846

(1) California, Nevada, Arizona.





**GAS UTILITIES**

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**SERVICES DE GAZ**

**JUNE - 1969 - JUIN**

Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

September - 1969 - Septembre  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 11—No. 6



#### NOTE TO USER

Definitions of terms and concepts are given in  
DBS annual publication Catalogue number 57-205.

#### AVIS À L'USAGER

La terminologie et les définitions figurent dans la  
publication annuelle du B.F.S. dont le numéro de catalogue est  
57-205.

#### SYMBOLS

The following standard symbols are used in  
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- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed
- P preliminary figures.
- r revised figures.
- x confidential to meet secrecy requirements  
of the Statistics Act.

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Les signes conventionnels suivants sont employés  
uniformément dans les publications du Bureau fédéral de la  
statistique:

- .. nombres indisponibles.
- ... n'ayant pas lieu de figurer.
- néant ou zéro.
- nombres infimes.
- P nombres provisoires.
- r nombres rectifiés.
- x confidentiel en vertu des dispositions de la Loi  
sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

June 1969

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
		Mcf. -- Mpc.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	7,283	8,396	231,694	-	1,384,509
2b	Processing plants .....	-	-	515,620	-	1,787,275
3	Total (1 + 2) .....	7,283	8,396	747,314	-	3,171,784
4	Imports .....	-	-	3,165,217	-	-
5	Other receipts(1) .....	-	-	-	3,954	-
6	Total net receipts (3 + 4 + 5) .....	7,283	8,396	3,912,531	3,954	3,171,784
7	Received from storage .....	-	-	1,807,683	-	-
9	Total supply of gas utilities (6 + 7) .....	7,283	8,396	5,720,214	3,954	3,171,784
	<u>Transfers from</u>					
11	Other provinces .....	-	3,471,953	21,928,856	35,512,286	39,041,455
12	Distribution to transport (primary) .....	-	-	-	-	1,658,660
13	Other gas utilities .....	-	3,138,067	20,605,212	2,106,586	1,124,998
19	Total gross receipts (9 + 11 + 12 + 13) .....	7,283	6,618,416	48,254,282	37,622,826	44,996,897
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	2,791	255,752	4,239,763	688,007	788,843
21	Commercial .....	1,701	357,727	3,155,012	487,370	517,934
22	Industrial .....	-	2,896,005	14,566,337	1,193,860	3,405,052
30	Total sales (20 + 21 + 22) .....	4,492	3,509,484	21,961,112	2,369,237	4,711,829
31	Exports .....	-	124,645	331,204	10,307,536	-
32	Other deliveries .....	-	-	97	-	59,843
33	Total net deliveries (30 + 31 + 32) .....	4,492	3,634,129	22,292,413	12,676,773	4,771,672
34	Delivered to storage .....	-	-	2,262,284	-	710,135
35	Line pack fluctuation .....	-	1,007	43,000	440,517	134,392
36	Gas used in system .....	-	14,326	855,334	202,043	460,390
37	Line losses and unaccounted for .....	2,791	- 169,113	- 1,275,914	268,051	624,364
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37). .....	7,283	3,480,349	24,177,117	13,587,384	6,700,953
	<u>Transfers to</u>					
40	Other provinces .....	-	-	3,471,953	21,928,856	35,512,286
41	Distribution by transport (primary) .....	-	3,130,683	18,515,344	2,106,586	1,658,660
42	Other gas utilities .....	-	7,384	2,089,868	-	1,124,998
49	Total disposition (39 + 40 + 41 + 42) .....	7,283	6,618,416	48,254,282	37,622,826	44,996,897

(1) Includes peak shaving and enrichment.



TABLEAU 1. Arrivages et utilisation du gaz naturel, par province

Juin 1969

Alberta	British Columbia - - Colombie- Britannique	Canada	June 1968 - - Juin		
			Canada		N <sup>o</sup>
Mcf. -- Mpc.					
				<u>Arrivages</u>	
				<u>Par réseau de transport</u>	1
5,014,319	346,392	5,360,711	6,769,820	Gisements .....	1a
61,602,379	16,419,199	78,021,578	71,662,078	Usines de traitement .....	1b
				<u>Par réseau de distribution</u>	2
7,430,384	-	9,062,266	9,053,119	Gisements .....	2a
7,380,724	31,074	9,714,693	9,316,363	Usines de traitement .....	2b
81,427,806	16,796,665	102,159,248	96,801,380	Total (1 + 2) .....	3
3,942	-	3,169,159	8,065,550	Importations .....	4
9,273	38	13,265	1,891	Arrivages(1) .....	5
81,441,021	16,796,703	105,341,672	104,868,821	Total des arrivages nets (3 + 4 + 5) .....	6
19,185	-	1,826,868	36,050	Gaz provenant des stocks .....	7
81,460,206	16,796,703	107,168,540	104,904,871	Total des arrivages de gaz (6 + 7) .....	9
				<u>Transferts de</u>	
-	25,466,441	...	...	Autres provinces .....	11
1,972,297	-	3,630,957	6,945,068	Distribution aux transports (primaire) .....	12
4,018,291	4,560,251	35,553,405	41,108,519	Autres services de gaz .....	13
87,450,794	46,823,395	146,352,902	152,958,458	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
				<u>Utilisation</u>	
				<u>Ventes</u>	
1,833,702	880,463	8,689,321	8,582,922	Domestique .....	20
1,676,165	558,071	6,753,980	6,018,319	Commercial .....	21
8,988,519	3,218,235	34,268,008	32,184,916	Industriel .....	22
12,498,386	4,656,769	49,711,309	46,786,157	Total des ventes (20 + 21 + 22) .....	30
2,880,787	36,753,075	50,397,247	45,997,382	Exportations .....	31
26,300	-	86,240	28,077	Autres livraisons .....	32
15,405,473	41,409,844	100,194,796	92,811,616	Total des livraisons nettes (30 + 31 + 32) ....	33
622,810	-	3,595,229	10,616,304	Livraison à l'entrepôt de stockage .....	34
96,974	94,582	810,472	131,822	Fluctuation du volume de gaz dans le réseau .....	35
764,913	946,602	3,243,608	4,144,072	Gaz consommé dans le réseau .....	36
62,140	- 187,884	- 675,565	- 2,798,943	Fuites et autres pertes .....	37
				Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
16,952,310	42,263,144	107,168,540	104,904,871		
				<u>Transferts à</u>	
64,507,896	-	...	...	Autres provinces .....	40
574,231	4,524,093	30,509,597	35,900,928	Distribution par transports (primaire) .....	41
5,416,357	36,158	8,674,765	12,152,659	Autres services de gaz .....	42
87,450,794	46,823,395	146,352,902	152,958,458	Total de l'utilisation (39 + 40 + 41 + 42) ....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January -- Janvier	February -- Février	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	10,645,974	9,370,792	10,004,935	8,746,434	5,640,328	5,360,711	
1b	Processing plants .....	103,471,100	98,866,494	106,477,068	101,216,676	90,026,446	78,021,578	
2	<u>By distribution systems</u>							
2a	Fields .....	23,816,813	17,573,872	16,238,263 <sup>F</sup>	12,343,546	11,035,519	9,062,266	
2b	Processing plants .....	15,630,395	13,274,977	13,998,555	11,598,935	10,130,926	9,714,693	
3	Total (1 + 2) .....	153,564,282	139,086,135	146,718,821 <sup>F</sup>	133,905,591	116,833,219	102,159,248	
4	Imports .....	2,968,411	2,852,203	4,201,424	4,254,464	4,101,579	3,169,159	
5	Other receipts(1) .....	304,789	117,525	121,651	122,631	9,088	13,265	
6	Total net receipts (3 + 4 + 5).	156,837,482	142,055,863	151,041,896 <sup>F</sup>	138,282,686	120,943,886	105,341,672	
7	Received from storage .....	17,417,972	10,028,714	6,752,190	1,118,968	3,365,083	1,826,868	
9	Total supply of gas utilities (6 + 7).	174,255,454	152,084,577	157,794,086 <sup>F</sup>	139,401,654	124,308,969	107,168,540	
11	<u>Transfers from</u>							
12	Other provinces .....	...	...	...	...	...	...	
12	Distribution to transport (primary).	5,983,105	5,504,292	5,454,353	4,695,065	5,996,070	3,630,957	
13	Other gas utilities .....	71,983,013	64,050,999	68,712,721	59,257,520	44,301,635	35,553,405	
19	Total gross receipts (9 + 11 + 12 + 13).	252,221,572	221,639,868	231,961,160 <sup>F</sup>	203,354,239	174,606,674	146,352,902	
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	41,725,382	35,851,699	29,424,197	22,155,613	12,851,907	8,689,321	
21	Commercial .....	26,478,302	24,182,583	20,187,396	16,200,467	10,121,068	6,753,980	
22	Industrial .....	37,311,788	35,327,155	38,571,351	37,971,837	36,982,563	34,268,008	
30	Total sales (20 + 21 + 22).	105,515,472	95,361,437	88,182,944	76,327,917	59,955,538	49,711,309	
31	Exports .....	58,033,790	53,393,931	56,607,382	55,914,920	55,617,616	50,397,247	
32	Other deliveries .....	1,459,750	1,585,935	1,370,907	384,612	291,506	86,240	
33	Total net deliveries (30 + 31 + 32).	165,009,012	150,341,303	146,161,233	132,627,449	115,864,660	100,194,796	
34	Delivered to storage .....	695,411	1,054,029	1,669,249	8,325,838	5,617,447	3,595,229	
35	Line pack fluctuation .....	- 647,899	520,208	41,319	624,227	- 124,837	810,472	
36	Gas used in system .....	7,388,026	7,262,667	7,989,697	7,132,805	4,947,209	3,243,608	
37	Line losses and unaccounted for.	1,810,904	- 7,093,630	1,932,588 <sup>F</sup>	- 9,308,665	- 1,995,510	- 675,565	
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	174,255,454	152,084,577	157,794,086 <sup>F</sup>	139,401,654	124,308,969	107,168,540	
40	<u>Transfers to</u>							
41	Other provinces .....	...	...	...	...	...	...	
41	Distribution by transport (primary).	53,908,468	49,457,245	35,968,526	43,078,980	35,229,395	30,509,597	
42	Other gas utilities .....	24,057,650	20,098,046	38,198,548	20,873,605	15,068,310	8,674,765	
49	Total disposition (39 + 40 + 41 + 42).	252,221,572	221,639,868	231,961,160 <sup>F</sup>	203,354,239	174,606,674	146,352,902	

(1) Includes peak shaving and enrichment.

TABLEAU 2. Arrivages et utilisation du gaz naturel, par mois, Canada

August -- Août	September -- Septembre	October -- Octobre	November -- Novembre	December -- Décembre	Year to date -- Total cumulatif			No
					1969	1968		
Mcf. -- Mpc.								
							<u>Arrivages</u>	
							<u>Par réseaux de transports</u>	1
					49,769,174	40,958,617	Cisements .....	1a
					578,079,362	494,825,770	Usines de traitement .....	1b
							<u>Par réseau de distribution</u>	2
					90,070,279	71,119,241	Cisements .....	2a
					74,348,481	78,208,010	Usines de traitement .....	2b
					792,267,296	685,111,638	Total (1 + 2) .....	3
					21,547,240	45,746,226	Importations .....	4
					688,949	301,137	Autres arrivages(1) .....	5
					814,503,485	731,159,001	Total des arrivages nets (3 + 4 + 5).	6
					40,509,795	34,816,380	Gas provenant des stocks ....	7
					855,013,280	765,975,381	Total des arrivages de gaz (6 + 7).	9
					...	...	<u>Transferts de</u>	
					31,263,842	41,453,922	Autres provinces .....	11
					343,859,293	306,152,086	Distribution aux transports (primaires)	12
							Autres services de gaz ....	13
					1,230,136,415	1,113,581,389	Total des arrivages bruts (9 + 11 + 12 + 13).	19
							<u>Utilisation</u>	
							<u>Ventes</u>	
					150,698,119	137,931,481	Domestique .....	20
					103,923,796	87,215,142	Commercial .....	21
					220,432,702	199,986,391	Industriel .....	22
					475,054,617	425,133,014	Total des ventes (20 + 21 + 22).	30
					329,964,886	296,279,618	Exportations .....	31
					5,178,950	2,719,997	Autres livraisons .....	32
					810,198,453	724,132,629	Total des livraisons net- tes (30 + 31 + 32) ....	33
					20,957,203	24,299,250	Livraisons à l'entrepôt de stockage.	34
					1,223,490	1,037,340	Fluctuation du volume de gaz dans le réseau.	35
					37,964,012	30,961,210	Gaz consommé dans le réseau	36
					- 15,329,878	- 14,455,048	Fuites et autres pertes .....	37
					855,013,280	765,975,381	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
					...	...	<u>Transferts à</u>	
					248,152,211	250,368,726	Autres provinces .....	40
					126,970,924	97,237,282	Distribution par transports (primaire).	41
							Autres services de gaz ....	42
					1,230,136,415	1,113,581,389	Total de l'utilisation (39 + 40 + 41 + 42).	49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Saskat- chewan
		Mcf. -- Mpc.			
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	7,283	8,396	231,694	1,384,509
2b	Processing plants .....	-	-	515,620	1,787,275
3	Total (1 + 2) .....	7,283	8,396	747,314	3,171,784
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	-	-
6	Total net receipts (3 + 4 + 5) .....	7,283	8,396	747,314	3,171,784
7	Received from storage .....	-	-	1,807,683	-
9	Total supply of gas utilities (6 + 7) .....	7,283	8,396	2,554,997	3,171,784
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	1,242,552
26	Manitoba .....	-	-	-	-
27	Ontario .....	-	-	2,917,405	-
28	Québec .....	-	8,396	-	-
29	New Brunswick .....	4,492	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	4,492	8,396	2,917,405	1,242,552
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	4,492	8,396	2,917,405	1,242,552
34	Delivered to storage .....	-	-	-	710,135
35	Line pack fluctuation .....	-	-	-	134,392
36	Gas used in system .....	-	-	29,309	460,380
37	Line losses and unaccounted for .....	2,791	-	- 391,717	624,325
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	7,283	8,396	2,554,997	3,171,784

(1) Includes peak shaving and enrichment.

TABEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia -- Colombie- Britannique	Imports from U.S.A. -- Importations des E.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
				<u>Arrivages</u>	
				<u>Par réseaux de transport</u>	1
5,014,319	346,392	-	5,360,711	Gisements .....	1a
61,602,379	16,419,199	-	78,021,578	Usines de traitement .....	1b
				<u>Par réseaux de distribution</u>	2
7,430,384	-	-	9,062,266	Gisements .....	2a
7,380,724	31,074	-	9,714,693	Usines de traitement .....	2b
81,427,806	16,796,665	-	102,159,248	Total (1 + 2) .....	3
-	-	3,169,159	3,169,159	Importations .....	4
13,227	38	-	13,265	Autres arrivages(1) .....	5
81,441,033	16,796,703	3,169,159	105,341,672	Total des arrivages nets (3 + 4 + 5) .....	6
19,185	-	-	1,826,868	Gaz provenant des stocks .....	7
81,460,218	16,796,703	3,169,159	107,168,540	Total des arrivages de gaz (6 + 7) .....	9
				<u>Utilisation</u>	
				<u>Ventes</u>	
354,123	4,302,646	-	4,656,769	Colombie-Britannique .....	23
12,494,307	-	4,079	12,498,386	Alberta .....	24
3,469,277	-	-	4,711,829	Saskatchewan .....	25
2,369,237	-	-	2,369,237	Manitoba .....	26
15,878,490	-	3,165,217	21,961,112	Ontario .....	27
3,501,088	-	-	3,509,484	Québec .....	28
-	-	-	4,492	Nouveau-Brunswick .....	29
38,066,522	4,302,646	3,169,296	49,711,309	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
38,175,771	12,221,476	-	50,397,247	Exportations .....	31
86,240	-	-	86,240	Autres livraisons .....	32
76,328,533	16,524,122	3,169,296	100,194,796	Total des livraisons nettes (30 + 31 + 32) ....	33
2,885,094	-	-	3,595,229	Livraison à l'entrepôt de stockage .....	34
657,356	18,724	-	810,472	Fluctuation du volume de gaz dans le réseau .....	35
2,542,331	211,588	-	3,243,608	Gaz consommé dans le réseau .....	36
- 953,096	42,269	- 137	- 675,565	Fuites et autres pertes .....	37
81,460,218	16,796,703	3,169,159	107,168,540	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 4. Sales of Natural Gas

No.		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- Nomb.	Mcf. -- Mpc.	\$	Mcf. -- Mpc.	\$	
	<u>Residential</u>			June - 1969 - Juin			
1	New Brunswick .....	130	1,706	2,791	9,479	1.6	3.40
2	Quebec .....	104,664	207,568	255,752	549,927	1.2	2.15
3	Ontario .....	571,800	706,767	4,239,763	5,403,892	6.0	1.27
4	Manitoba .....	106,656	108,925	688,007	690,729	6.3	1.00
5	Saskatchewan .....	119,241	121,653	788,843	841,478	6.5	1.07
6	Alberta .....	261,421	265,031	1,833,702	1,366,325	6.9	0.75
7	British Columbia .....	182,583	199,593	880,463	1,162,590	4.4	1.32
8	Canada .....	1,346,495	1,611,243	8,689,321	10,024,420	5.4	1.15
	<u>Commercial</u>						
9	New Brunswick .....	70	1,701	3,686	24.3	2.17	
10	Quebec .....	10,499	357,727	435,790	34.1	1.22	
11	Ontario .....	64,831	3,155,012	2,821,940	48.7	0.91	
12	Manitoba .....	10,518	487,370	359,148	46.3	0.74	
13	Saskatchewan .....	16,751	517,934	341,553	30.9	0.66	
14	Alberta .....	29,801	1,676,165	704,357	56.2	0.42	
15	British Columbia .....	25,616	558,071	523,868	21.8	0.94	
16	Canada .....	158,086	6,753,980	5,190,342	42.7	0.77	
	<u>Industrial</u>						
17	New Brunswick .....	-	-	-	-	-	
18	Quebec .....	2,091	2,896,005	1,339,088	1,385	0.46	
19	Ontario .....	8,258	14,566,337	7,609,492	1,763	0.52	
20	Manitoba .....	301	1,193,860	353,911	3,966	0.30	
21	Saskatchewan .....	637	3,405,052	936,404	5,345	0.28	
22	Alberta .....	834	8,988,519	1,656,337	10,778	0.18	
23	British Columbia .....	307	3,218,235	1,271,259	10,482	0.40	
24	Canada .....	12,428	34,268,008	13,166,491	2,757	0.38	
25	Firm .....	11,816	26,600,673	10,179,410	-	-	
26	Interruptible .....	612	7,667,335	2,987,081	-	-	
	<u>Total sales</u>						
27	New Brunswick .....	1,776	4,492	13,165	2.5	2.93	
28	Quebec .....	220,158	3,509,484	2,324,805	15.9	0.66	
29	Ontario .....	779,856	21,961,112	15,835,324	28.2	0.72	
30	Manitoba .....	119,744	2,369,237	1,403,788	19.8	0.59	
31	Saskatchewan .....	139,041	4,711,829	2,119,435	33.9	0.45	
32	Alberta .....	295,666	12,498,386	3,727,019	42.3	0.30	
33	British Columbia .....	225,516	4,656,769	2,957,717	20.6	0.64	
34	Canada .....	1,781,757	49,711,309	28,381,253	27.9	0.57	

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes
		No. -- Nomb.	Mcf. -- Mpc.	\$
1	Residential .....	10,964	18,294	38,790
2	Commercial .....	2,211	32,872	43,819
3	Industrial .....	7	277	390
4	Total .....	13,182	51,443	82,999



TABLEAU 4. Ventes de gaz naturel

Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes		No.
Space heating -- Chauffage d'habitation	Total				
No. -- Nomb.		Mcf. -- Mpc.	\$		
<u>June - 1968 - Juin</u>					
126	1,847	3,223	11,145	<u>Domestique</u>	
92,941	199,084	360,000	968,113	Nouveau-Brunswick .....	1
548,558	679,913	4,031,499	5,174,032	Québec .....	2
100,701	103,223	617,102	652,250	Ontario .....	3
111,482	116,932	869,296	841,472	Manitoba .....	4
250,666	253,536	1,938,341	1,379,330	Saskatchewan .....	5
171,126	190,648	763,461	1,231,355	Alberta .....	6
1,275,600	1,545,183	8,582,922	10,257,697	Colombie-Britannique .....	7
				Canada .....	8
				<u>Commercial</u>	
	60	1,420	3,126	Nouveau-Brunswick .....	9
	10,265	292,792	388,619	Québec .....	10
	60,619	2,390,264	2,327,219	Ontario .....	11
	9,240	477,580	363,523	Manitoba .....	12
	15,810	483,041	302,302	Saskatchewan .....	13
	28,305	1,701,069	705,267	Alberta .....	14
	24,352	672,153	649,737	Colombie-Britannique .....	15
	148,651	6,018,319	4,739,793	Canada .....	16
				<u>Industriel</u>	
	-	-	-	Nouveau-Brunswick .....	17
	2,243	2,434,223	1,113,670	Québec .....	18
	7,406	12,342,902	6,598,576	Ontario .....	19
	291	985,882	295,919	Manitoba .....	20
	603	3,856,462	929,237	Saskatchewan .....	21
	731	7,847,612	1,443,653	Alberta .....	22
	305	4,717,835	1,430,814	Colombie-Britannique .....	23
	11,579	32,184,916	11,811,869	Canada .....	24
	10,426	20,709,089	7,991,406	Service continu .....	25
	1,153	11,475,827	3,820,463	Service qui peut être interrompu .....	26
				<u>Total des ventes</u>	
	1,907	4,643	14,271	Nouveau-Brunswick .....	27
	211,592	3,087,015	2,470,402	Québec .....	28
	747,938	18,764,665	14,099,827	Ontario .....	29
	112,754	2,080,564	1,311,692	Manitoba .....	30
	133,345	5,208,799	2,073,011	Saskatchewan .....	31
	282,572	11,487,022	3,528,250	Alberta .....	32
	215,305	6,153,449	3,311,906	Colombie-Britannique .....	33
	1,705,413	46,786,157	26,809,359	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- Nomb.	Mcf. -- Mpc.	\$		
1,504	6,788	8,283	Domestique .....	1
466	9,784	11,203	Commercial .....	2
18	38,799	13,279	Industriel .....	3
1,988	55,371	32,765	Total .....	4

TABLE 6. Operating Statistics: Natural Gas Utilities

TABLEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system Réseaux de gaz naturel		Total natural gas utilities des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
June - 1969 - Juin:			
Daily average -- Moyenne journalière .....	2,696,895	1,657,044	3,459,668
Maximum(1) -- Maximum(1) .....	2,897,885	...	...
Minimum(1) -- Minimum(1) .....	2,324,595	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	1,818,655	...	...
June - 1968 - Juin:			
Daily average -- Moyenne journalière .....	2,729,944	1,561,739	3,449,797
Maximum(1) -- Maximum(1) .....	3,052,888	...	...
Minimum(1) -- Minimum(1) .....	2,527,254	...	...
Year to date - 1969 - Année à ce jour:			
Daily average -- Moyenne journalière .....	3,194,143	2,624,611	4,592,146
Maximum(1) -- Maximum(1) .....	4,008,770	..	..
Minimum(1) -- Minimum(1) .....	2,324,595	..	..
<u>June - 1969 - Juin</u>			
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	69,331,840	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	1,581	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	8,581,689	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	8,973,756	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	28,381,253	..

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition

TABLEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas Gaz manufacturé	Liquefied petroleum gases Gaz de pétrole liquéfiés
Mcf. -- Mpc.		
Gas receipts -- Arrivages de gaz .....	55,371	53,671
Deliveries to ultimate customers -- Livraison pour consommation .....	55,371	51,443
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	253
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes.	-	1,975
Disposition - Total - de l'utilisation .....	55,371	53,671
Daily average sendout -- Livraison journalière moyenne .....	1,846	1,789
Revenues -- Recettes ..... \$	32,765	82,999

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot  
TABLEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential -- Domestique	Commercial	Industrial -- Industriel	Total
	Mcf. -- Mpc.			
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	2,806	1,710	-	4,516
Québec .....	261,547	366,023	2,961,498	3,589,068
Ontario .....	4,275,205	3,177,611	14,789,384	22,242,200
Manitoba .....	700,606	496,640	1,211,451	2,408,697
Saskatchewan .....	806,509	529,495	3,481,732	4,817,736
Alberta .....	1,992,999	1,807,386	9,463,523	13,263,908
British Columbia -- Colombie-Britannique .....	927,390	583,309	3,354,186	4,864,885
Canada .....	8,967,062	6,962,174	35,261,774	51,191,010

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia -- Colombie-Britannique	Total	Year to date total -- Depuis le début de l'année
	Mcf. -- Mpc.						
Exports -- Exportations .....	127,636	339,484	10,596,147	2,943,307	38,577,737	52,584,311	343,182,870
Imports -- Importations .....	-	3,202,052	-	3,942	-	3,205,994	21,786,610

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases -- Gaz de pétrole liquéfiés	Manufactured gas -- Gaz manufacturé
	Mcf. -- Mpc.	
Totals .....	37,924	26,692

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port - - Province et bureau de douane	Exports - - Exportations	Imports - - Importations
June - 1969 - Juin	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	124,645	-
<u>Ontario</u>		
Cornwall .....	331,204	-
Sarnia .....	-	1,432,815
Niagara Falls .....	-	294,002
Ojibway .....	-	1,438,400
Total .....	331,204	3,165,217
<u>Manitoba</u>		
Emerson .....	10,307,536	-
<u>Alberta</u>		
Aden .....	1,085,306	-
Carway .....	1,795,461	-
Coutts .....	20	3,942
Total .....	2,880,787	3,942
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	20,604,127	-
Other United States -- Reste des États-Unis .....	2,795,159	-
Huntingdon .....	13,353,789	-
Total .....	36,753,075	-
<u>Canada</u>		
June -- Juin - 1969 .....	50,397,247	3,169,159
1968 .....	45,997,382	8,065,550
<u>Year to date -- Total cumulatif</u>		
1969 .....	329,964,886	21,547,240
1968 .....	296,279,618	45,746,226
<u>Value - - Valeur</u>		
1969 .....	\$ 13,513,553	1,381,701
1968 .....	\$ 11,981,582	3,656,043

(1) California, Nevada, Arizona. -- Californie.



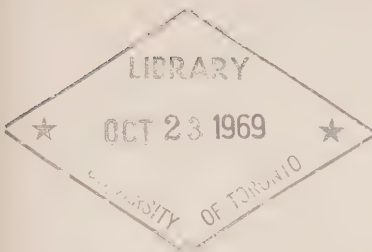




CATALOGUE No.

55-002

MONTHLY - MENSUEL



## GAS UTILITIES

## SERVICES DE GAZ

JULY - 1969 - JUILLET

Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

October - 1969 - Octobre  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 11—No. 7

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TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

July 1969

No.		New Brunswick - Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan

(1) Includes peak shaving and enrichment.

TABLEAU 1. Arrivages et utilisation du gaz naturel, par province

Juillet 1969

Alberta	British Columbia -- Colombie- Britannique	Canada	July 1968 -- Juillet		N <sup>o</sup>
			Canada		
Mcf. -- Mpc.					
					<u>Arrivages</u>
					<u>Par réseau de transport</u>
6,146,099	475,643	6,621,742	6,083,905	Gisements .....	1a
66,919,011	13,749,584	80,668,595	71,911,711	Usines de traitement .....	1b
					<u>Par réseau de distribution</u>
6,555,817	-	7,322,246	8,175,950	Gisements .....	2a
7,820,192	30,193	9,438,690	9,348,161	Usines de traitement .....	2b
87,441,119	14,255,420	104,051,273	95,519,727	Total (1 + 2) .....	3
2,666	-	1,814,681	9,174,890	Importations .....	4
1,354	20	3,753	3,211	Arrivages(1) .....	5
87,445,139	14,255,440	105,869,707	104,697,828	Total des arrivages nets (3 + 4 + 5) .....	6
14,739	-	1,140,744	22,221	Gaz provenant des stocks .....	7
87,459,878	14,255,440	107,010,451	104,720,049	Total des arrivages de gaz (6 + 7) .....	9
					<u>Transferts de</u>
-	26,693,429	...	...	Autres provinces .....	11
2,204,771	-	3,666,566	6,187,058	Distribution aux transports (primaire) .....	12
4,535,179	4,334,774	44,277,427	44,837,920	Autres services de gaz .....	13
94,199,828	45,283,643	154,954,444	155,745,027	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
					<u>Utilisation</u>
					<u>Ventes</u>
1,548,003	546,145	5,680,010	5,307,919	Domestique .....	20
1,533,496	637,828	5,244,031	31,182,763	Commercial .....	21
9,075,334	3,097,636	33,012,130	4,274,920	Industriel .....	22
12,156,833	4,281,609	43,936,171	40,765,602	Total des ventes (20 + 21 + 22) .....	30
3,139,891	36,068,682	51,847,472	46,405,884	Exportations .....	31
84,697	-	143,241	93,347	Autres livraisons .....	32
15,381,421	40,350,291	95,926,884	87,264,833	Total des livraisons nettes (30 + 31 + 32) .....	33
971,022	-	8,142,586	13,327,279	Livraison à l'entrepôt de stockage .....	34
- 139,288	- 237,775	- 616,979	- 191,144	Fluctuation du volume de gaz dans le réseau .....	35
393,860	670,924	3,073,036	4,164,092	Gaz consommé dans le réseau .....	36
230,842	165,429	484,924	154,989	Fuites et autres pertes .....	37
16,837,857	40,948,869	107,010,451	104,720,049	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
					<u>Transferts à</u>
70,622,021	-	...	...	Autres provinces .....	40
760,143	4,278,847	34,638,679	36,222,672	Distribution par transports (primaire) .....	41
5,979,807	55,927	13,305,314	14,802,306	Autres services de gaz .....	42
94,199,828	45,283,643	154,954,444	155,745,027	Total de l'utilisation (39 + 40 + 41 + 42) .....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January -- Janvier	February -- Février	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	10,645,974	9,370,792	10,004,935	8,746,434	5,640,328	5,360,711	6,621,742
1b	Processing plants .....	103,471,100	98,866,494	106,477,068	101,216,676	90,026,446	78,021,578	80,668,595
2	<u>By distribution systems</u>							
2a	Fields .....	23,816,813	17,573,872	16,238,263 <sup>F</sup>	12,343,546	11,035,519	9,062,266	7,322,246
2b	Processing plants .....	15,630,395	13,274,977	13,998,555	11,598,935	10,130,926	9,714,693	9,438,690
3	Total (1 + 2) .....	153,564,282	139,086,135	146,718,821 <sup>F</sup>	133,905,591	116,833,219	102,159,248	104,051,273
4	Imports .....	2,968,411	2,852,203	4,201,424	4,254,464	4,101,579	3,169,159	1,814,681
5	Other receipts(1) .....	304,789	117,525	121,651	122,631	9,088	13,265	3,753
6	Total net receipts (3 + 4 + 5).	156,837,482	142,055,863	151,041,896 <sup>F</sup>	138,282,686	120,943,886	105,341,672	105,869,707
7	Received from storage .....	17,417,972	10,028,714	6,752,190	1,118,968	3,365,083	1,826,868	1,140,744
9	Total supply of gas utilities (6 + 7).	174,255,454	152,084,577	157,794,086 <sup>F</sup>	139,401,654	124,308,969	107,168,540	107,010,451
	<u>Transfers from</u>							
11	Other provinces .....	...	...	...	...	...	...	...
12	Distribution to transport (primary).	5,983,105	5,504,292	5,454,353	4,695,065	5,996,070	3,630,957	3,666,566
13	Other gas utilities .....	71,983,013	64,050,999	68,712,721	59,257,520	44,301,635	35,553,405	44,277,427
19	Total gross receipts (9 + 11 + 12 + 13).	252,221,572	221,639,868	231,961,160 <sup>F</sup>	203,354,239	174,606,674	146,352,902	154,954,444
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	41,725,382	35,851,699	29,424,197	22,155,613	12,851,907	8,689,321	5,680,010
21	Commercial .....	26,478,302	24,182,583	20,187,396	16,200,467	10,121,068	6,753,980	5,244,031
22	Industrial .....	37,311,788	35,327,155	38,571,351	37,971,837	36,982,563	34,268,008	33,012,130
30	Total sales (20 + 21 + 22).	105,515,472	95,361,437	88,182,944	76,327,917	59,955,538	49,711,309	43,936,171
31	Exports .....	58,033,790	53,393,931	56,607,382	55,914,920	55,620,280	50,397,312	51,847,472
32	Other deliveries .....	1,459,750	1,585,935	1,370,907	384,612	291,506	86,240	143,241
33	Total net deliveries (30 + 31 + 32).	165,009,012	150,341,303	146,161,233	132,627,449	115,867,324	100,194,861	95,926,884
34	Delivered to storage .....	695,411	1,054,029	1,669,249	8,325,838	5,617,447	3,595,229	8,142,586
35	Line pack fluctuation .....	- 647,899	520,208	41,319	624,227	- 124,837	810,472	- 616,979
36	Gas used in system .....	7,388,026	7,262,667	7,989,697	7,132,805	4,947,209	3,243,608	3,073,036
37	Line losses and unaccounted for.	1,810,904	- 7,093,630	1,932,588 <sup>F</sup>	- 9,308,665	- 1,998,174	- 675,630	484,924
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	174,255,454	152,084,577	157,794,086 <sup>F</sup>	139,401,654	124,308,969	107,168,540	107,010,451
	<u>Transfers to</u>							
40	Other provinces .....	...	...	...	...	...	...	...
41	Distribution by transport (primary).	53,908,468	49,457,245	35,968,526	43,078,980	35,229,395	30,509,597	34,638,679
42	Other gas utilities .....	24,057,650	20,098,046	38,198,548	20,873,605	15,068,310	8,674,765	13,305,314
49	Total disposition (39 + 40 + 41 + 42).	252,221,572	221,639,868	231,961,160 <sup>F</sup>	203,354,239	174,606,674	146,352,902	154,954,444

(1) Includes peak shaving and enrichment.



(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Saskatchewan
		Mcf. -- Mpc.			
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	6,763	6,804	191,865	560,997
2b	Processing plants .....	-	-	428,599	1,159,706
3	Total (1 + 2) .....	6,763	6,804	620,464	1,720,703
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	-	-
6	Total net receipts (3 + 4 + 5) .....	6,763	6,804	620,464	1,720,703
7	Received from storage .....	-	-	1,041,864	84,141
9	Total supply of gas utilities (6 + 7) .....	6,763	6,804	1,662,328	1,804,844
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	802,544
26	Manitoba .....	-	-	-	-
27	Ontario .....	-	-	1,795,036	-
28	Québec .....	-	6,804	-	-
29	New Brunswick .....	3,687	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	3,687	6,804	1,795,036	802,544
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	3,687	6,804	1,795,036	802,544
34	Delivered to storage .....	-	-	-	505,866
35	Line pack fluctuation .....	-	-	-	- 115,785
36	Gas used in system .....	-	-	22,596	540,914
37	Line losses and unaccounted for .....	3,076	-	- 155,304	71,305
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,763	6,804	1,662,328	1,804,844

(1) Includes peak shaving and enrichment.

TABLÉAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia - - Colombie- Britannique	Imports from U.S.A. - - Importations des E.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
				<u>Arrivages</u>	
				<u>Par réseaux de transport</u>	1
6,146,099	475,643	-	6,621,742	Gisements .....	1a
66,919,011	13,749,584	-	80,668,595	Usines de traitement .....	1b
				<u>Par réseaux de distribution</u>	2
6,555,817	-	-	7,322,246	Gisements .....	2a
7,820,192	30,193	-	9,438,690	Usines de traitement .....	2b
87,441,119	14,255,420	-	104,051,273	Total (1 + 2) .....	3
-	-	1,814,681	1,814,681	Importations .....	4
3,733	20	-	3,753	Autres arrivages(1) .....	5
87,444,852	14,255,440	1,814,681	105,869,707	Total des arrivages nets (3 + 4 + 5) .....	6
14,739	-	-	1,140,744	Gaz provenant des stocks .....	7
87,459,591	14,255,440	1,814,681	107,010,451	Total des arrivages de gaz (6 + 7) .....	9
				<u>Utilisation</u>	
				<u>Ventes</u>	
646,360	3,635,249	-	4,281,609	Colombie-Britannique .....	23
12,154,328	-	2,505	12,156,833	Alberta .....	24
2,970,433	-	-	3,772,977	Saskatchewan .....	25
2,088,238	-	-	2,088,238	Manitoba .....	26
14,653,210	-	1,812,015	18,260,261	Ontario .....	27
3,365,762	-	-	3,372,566	Québec .....	28
-	-	-	3,687	Nouveau-Brunswick .....	29
35,878,331	3,635,249	1,814,520	43,936,171	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
41,491,359	10,356,113	-	51,847,472	Exportations .....	31
143,241	-	-	143,241	Autres livraisons .....	32
77,512,931	13,991,362	1,814,520	95,926,884	Total des livraisons nettes (30 + 31 + 32) ....	33
7,636,720	-	-	8,142,586	Livraison à l'entrepôt de stockage .....	34
- 537,720	36,526	-	- 616,979	Fluctuation du volume de gaz dans le réseau .....	35
2,295,155	214,371	-	3,073,036	Gaz consommé dans le réseau .....	36
552,505	13,181	161	484,924	Fuites et autres pertes .....	37
87,459,591	14,255,440	1,814,681	107,010,451	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 4. Sales of Natural Gas

No.		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- Nomb.		Mcf. -- Mpc.	\$	Mcf. -- Mpc.	\$
	<u>Residential</u>			July - 1969 - Juillet			
1	New Brunswick .....	130	1,699	2,290	8,103	1.35	3.54
2	Quebec .....	104,273	206,102	345,634	995,858	1.68	2.88
3	Ontario .....	571,059(1)	706,140(1)	2,226,520(1)	3,148,538(1)	3.16	1.41
4	Manitoba .....	106,925	109,197	432,224	491,131	3.96	1.14
5	Saskatchewan .....	119,042	121,451	579,194	700,679	4.77	1.21
6	Alberta .....	262,351	264,015	1,548,003	1,239,248	5.86	0.80
7	British Columbia .....	201,383(1)	203,205(1)	546,145(1)	762,021(1)	2.69	1.40
8	Canada .....	1,365,163	1,611,809	5,680,010	7,345,578	3.53	1.29
	<u>Commercial</u>						
9	New Brunswick .....	70	70	1,397	3,158	20.0	2.26
10	Quebec .....	10,417	10,417	253,698	331,750	24.4	1.31
11	Ontario .....	65,687(1)	65,687(1)	2,184,020(1)	2,010,417(1)	33.2	0.92
12	Manitoba .....	10,500	10,500	324,358	243,625	30.9	0.75
13	Saskatchewan .....	16,766	16,766	309,234	229,122	18.4	0.74
14	Alberta .....	29,738	29,738	1,533,496	658,124	51.6	0.43
15	British Columbia .....	26,610(1)	26,610(1)	637,828(1)	601,171(1)	24.0	0.94
16	Canada .....	159,788	159,788	5,244,031	4,077,367	32.8	0.78
	<u>Industrial</u>						
17	New Brunswick .....	-	-	-	-	-	-
18	Quebec .....	2,089	2,089	2,773,234	1,272,746	1,328	0.46
19	Ontario .....	8,197(1)	8,197(1)	13,849,721(1)	7,153,493(1)	1,690	0.52
20	Manitoba .....	302	302	1,331,656	388,068	4,409	0.29
21	Saskatchewan .....	594	594	2,884,549	822,571	4,856	0.29
22	Alberta .....	887	887	9,075,334	1,674,111	10,231	0.18
23	British Columbia .....	344(1)	344(1)	3,097,636(1)	1,225,148(1)	9,005	0.40
24	Canada .....	12,413	12,413	33,012,130	12,536,137	2,660	0.38
25	Firm .....	11,828	11,828	25,929,306	9,744,412		
26	Interruptible .....	585	585	7,282,824	2,791,725		
	<u>Total sales</u>						
27	New Brunswick .....	1,769	1,769	3,687	11,261	2.1	3.05
28	Quebec .....	218,608	218,608	3,372,566	2,600,354	15.4	0.77
29	Ontario .....	780,024(1)	780,024(1)	18,260,261(1)	12,312,448(1)	23.4	0.67
30	Manitoba .....	119,999	119,999	2,088,238	1,122,824	17.4	0.54
31	Saskatchewan .....	138,811	138,811	3,772,977	1,752,372	27.2	0.46
32	Alberta .....	294,640	294,640	12,156,833	3,571,483	41.3	0.29
33	British Columbia .....	230,159(1)	230,159(1)	4,281,609(1)	2,588,340(1)	18.6	0.60
34	Canada .....	1,784,010	1,784,010	43,936,171	23,959,082	24.6	0.55

(1) Contains estimates.

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients		Revenue -- Recettes
		No. -- Nomb.	Mcf. -- Mpc.	\$
1	Residential .....	11,009	17,707	40,732
2	Commercial .....	2,286	30,013	40,127
3	Industrial .....	8	489	668
4	Total .....	13,303	48,209	81,527

TABLEAU 4. Ventes de gaz naturel

Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes		No.
Space heating -- Chauffage d'habitation	Total				
No. -- Nomb.		Mcf. -- Mpc.	\$		
July - 1968 - Juillet				<u>Domestique</u>	
126	1,840	2,648	9,441	Nouveau-Brunswick .....	1
93,303	198,659	223,879	735,019	Québec .....	2
548,174	679,572	2,328,996	3,125,686	Ontario .....	3
101,056	103,563	353,874	430,856	Manitoba .....	4
113,086	118,602	498,512	597,511	Saskatchewan .....	5
250,348	252,803	1,347,267	1,124,381	Alberta .....	6
171,746	191,005	552,743	915,188	Colombie-Britannique .....	7
1,277,839	1,546,044	5,307,919	6,938,082	Canada .....	8
				<u>Commercial</u>	
	60	1,171	2,671	Nouveau-Brunswick .....	9
	10,238	232,630	303,897	Québec .....	10
	60,129	1,631,519	1,626,701	Ontario .....	11
	9,253	253,509	202,632	Manitoba .....	12
	16,008	259,360	188,198	Saskatchewan .....	13
	28,452	1,370,850	577,319	Alberta .....	14
	24,284	525,881	511,754	Colombie-Britannique .....	15
	148,424	4,274,920	3,413,172	Canada .....	16
				<u>Industriel</u>	
	-	-	-	Nouveau-Brunswick .....	17
	2,255	2,490,116	1,106,654	Québec .....	18
	7,378	12,094,985	6,315,379	Ontario .....	19
	290	1,095,763	323,960	Manitoba .....	20
	603	3,245,505	819,467	Saskatchewan .....	21
	901	8,093,917	1,496,101	Alberta .....	22
	312	4,162,477	1,267,923	Colombie-Britannique .....	23
	11,739	31,182,763	11,329,484	Canada .....	24
	10,586	18,033,884	7,344,569	Service continu .....	25
	1,153	13,148,879	3,984,915	Service qui peut être interrompu .....	26
				<u>Total des ventes</u>	
	1,900	3,819	12,112	Nouveau-Brunswick .....	27
	211,152	2,946,625	2,145,570	Québec .....	28
	747,079	16,055,500	11,067,766	Ontario .....	29
	113,106	1,703,146	957,448	Manitoba .....	30
	135,213	4,003,377	1,605,176	Saskatchewan .....	31
	282,156	10,812,034	3,197,801	Alberta .....	32
	215,601	5,241,101	2,694,865	Colombie-Britannique .....	33
	1,706,207	40,765,602	21,680,738	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- Nomb.	Mcf. -- Mpc.	\$		
1,504	6,787	8,283	Domestique .....	1
466	9,784	11,203	Commercial .....	2
18	36,770	12,489	Industriel .....	3
1,988	53,341	31,975	Total .....	4



TABLE 6. Operating Statistics: Natural Gas Utilities

TABEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system - - Réseaux de gaz naturel		Total natural gas utilities - - des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
July - 1969 - Juillet			
Daily average -- Moyenne journalière .....	2,789,876	1,417,296	3,357,796
Maximum(1) -- Maximum(1) .....	3,363,536	...	...
Minimum(1) -- Minimum(1) .....	2,210,829	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	1,866,997	...	...
July - 1968 - Juillet			
Daily average -- Moyenne journalière .....	2,665,437	1,316,936	3,246,823
Maximum(1) -- Maximum(1) .....	2,952,243	...	...
Minimum(1) -- Minimum(1) .....	2,465,710	...	...
Year to date - 1969 - Année à ce jour:			
Daily average -- Moyenne journalière .....	3,134,934	2,448,070	4,411,452
Maximum(1) -- Maximum(1) .....	4,008,770	..	..
Minimum(1) -- Minimum(1) .....	2,210,829	..	..
<u>July - 1969 - Juillet</u>			
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	74,088,742	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	1,689	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	8,973,756	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	8,376,433	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	23,959,082	..

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition

TABEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas -- Gaz manufacturé	Liquefied petroleum gases -- Gaz de pétrole liquéfiés
Mcf. -- Mpc.		
Gas receipts -- Arrivages de gaz .....	53,556	53,655
Deliveries to ultimate customers -- Livraison pour consommation .....	53,341	48,209
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	292
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes.	215	5,154
Disposition - Total - de l'utilisation .....	53,556	53,655
Daily average sendout -- Livraison journalière moyenne .....	1,727	1,731
Revenues -- Recettes ..... \$	31,975	81,527



TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot  
TABLEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential -- Domestique	Commercial	Industrial -- Industriel	Total
	Mcf. -- Mpc.			
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	2,762	1,686	-	4,448
Québec .....	351,350	257,848	2,817,808	3,427,006
Ontario .....	2,274,129	2,230,390	14,117,348	18,621,867
Manitoba .....	438,621	329,451	1,346,383	2,114,455
Saskatchewan .....	581,181	310,300	2,894,410	3,785,891
Alberta .....	1,658,896	1,654,883	9,511,112	12,824,891
British Columbia -- Colombie-Britannique .....	569,779	666,980	3,227,005	4,463,764
Canada .....	5,876,718	5,451,538	33,914,066	45,242,322

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia -- Colombie- Britannique	Total	Year to date total -- Depuis le début de l'année
	Mcf. -- Mpc.						
Exports -- Exportations .....	97,751	1,758,768	11,015,946	3,234,642	37,778,018	53,885,125	397,067,995
Imports -- Importations .....	-	1,846,285	-	2,666	-	1,848,951	23,635,561

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases -- Gaz de pétrole liquéfiés	Manufactured gas -- Gaz manufacturé
	Mcf. -- Mpc.	
Totals .....	66,305	25,700

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port - - Province et bureau de douane	Exports - - Exportations	Imports - - Importations
July - 1969 - Juillet		
Mcf. -- Mpc.		
<u>Québec</u>		
Phillipsburg .....	95,740	-
<u>Ontario</u>		
Cornwall .....	306,210	-
Sarnia .....	-	1,479,238
Niagara Falls .....	1,415,784	179,377
Ojibway .....	-	153,400
Total .....	1,721,994	1,812,015
<u>Manitoba</u>		
Emerson .....	10,821,165	-
<u>Alberta</u>		
Aden .....	1,210,176	-
Carway .....	1,929,695	-
Coutts .....	20	2,666
Total .....	3,139,891	2,666
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	20,723,620	-
Other United States -- Reste des États-Unis .....	3,683,915	-
Huntingdon .....	11,661,147	-
Total .....	36,068,682	-
<u>Canada</u>		
July -- Juillet - 1969 .....	51,847,472	1,814,681
1968 .....	46,405,884	9,174,890
<u>Year to date -- Total cumulatif</u>		
1969 .....	381,815,087	23,361,921
1968 .....	342,685,502	54,921,116
<u>Value - - Valeur</u>		
1969 .....	\$ 14,100,803	857,429
1968 .....	\$ 11,841,984	4,144,434

(1) California, Nevada, Arizona. -- Californie.



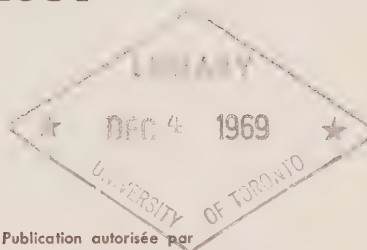




# GAS UTILITIES

## SERVICES DE GAZ

AUGUST - 1969 - AOÛT



Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
Le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

November - 1969 - Novembre  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 11—No. 8

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- x confidentiel en vertu des dispositions de la Loi sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

August 1969

No.		New Brunswick - Nouveau- Brunswick	Québec	Ontario	Manitoba	Saskat- chewan
		Mcf. -- Mpc.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	6,624	9,171	758,456	-	1,155,393
2b	Processing plants .....	-	-	-	-	1,622,481
3	Total (1 + 2) .....	6,624	9,171	758,456	-	2,777,874
4	Imports .....	-	-	3,725,742	-	-
5	Other receipts(1) .....	-	-	-	825	-
6	Total net receipts (3 + 4 + 5) .....	6,624	9,171	4,484,198	825	2,777,874
7	Received from storage .....	-	-	103,684	-	23,491
9	Total supply of gas utilities (6 + 7) .....	6,624	9,171	4,587,882	825	2,801,365
	<u>Transfers from</u>					
11	Other provinces .....	-	3,616,903	36,927,399	50,257,211	53,570,549
12	Distribution to transport (primary) .....	-	-	-	-	2,388,327
13	Other gas utilities .....	-	3,329,420	44,316,493	1,724,839	1,723,098
19	Total gross receipts (9 + 11 + 12 + 13) .....	6,624	6,955,494	85,831,774	51,982,875	60,483,339
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	2,054	454,716	1,773,142	266,853	441,747
21	Commercial .....	1,556	246,210	3,053,773	204,885	276,208
22	Industrial .....	-	2,900,764	12,907,266	1,313,821	2,719,919
30	Total sales (20 + 21 + 22) .....	3,610	3,601,690	17,734,181	1,785,559	3,437,874
31	Exports .....	-	105,950	600,798	10,775,510	-
32	Other deliveries .....	-	-	-	-	55,714
33	Total net deliveries (30 + 31 + 32) .....	3,610	3,707,640	18,334,979	12,561,069	3,493,588
34	Delivered to storage .....	-	-	16,325,930	-	785,532
35	Line pack fluctuation .....	-	815	66,680	8,710	238,910
36	Gas used in system .....	-	22,448	2,479,799	598,529	1,171,351
37	Line losses and unaccounted for .....	3,014	- 104,829	690,990	162,329	425,322
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,624	3,626,074	37,898,378	13,330,637	6,114,703
	<u>Transfers to</u>					
40	Other provinces .....	-	-	3,616,903	36,927,399	50,257,211
41	Distribution by transport (primary) .....	-	3,320,956	33,248,293	1,724,839	1,723,098
42	Other gas utilities .....	-	8,464	11,068,200	-	2,388,327
49	Total disposition (39 + 40 + 41 + 42) .....	6,624	6,955,494	85,831,774	51,982,875	60,483,339

(1) Includes peak shaving and enrichment.

TABLEAU 1. Arrivages et utilisation du gaz naturel, par province

AOût 1969

Alberta	British Columbia -- Colombie- Britannique	Canada	August 1968		N <sup>o</sup>
			- - Août  Canada		
Mcf. -- Mpc.					
				<u>Arrivages</u>	
				<u>Par réseau de transport</u>	1
7,171,108	359,786	7,530,894	6,669,045	Gisements .....	1a
76,682,801	17,818,008	94,500,809	76,329,487	Usines de traitement .....	1b
				<u>Par réseau de distribution</u>	2
7,330,873	-	9,260,517	8,374,756	Gisements .....	2a
7,903,335	34,478	9,560,294	9,645,021	Usines de traitement .....	2b
99,088,117	18,212,272	120,852,514	101,018,309	Total (1 + 2) .....	3
2,523	-	3,728,265	7,088,369	Importations .....	4
1,304	18	2,147	3,101	Arrivages(1) .....	5
99,091,944	18,212,290	124,582,926	108,109,779	Total des arrivages nets (3 + 4 + 5) .....	6
18,832	-	146,007	52,223	Gaz provenant des stocks .....	7
99,110,776	18,212,290	124,728,933	108,162,002	Total des arrivages de gaz (6 + 7) .....	9
				<u>Transferts de</u>	
-	27,234,939	...	...	Autres provinces .....	11
1,130,258	-	3,518,585	3,634,794	Distribution aux transports (primaire) .....	12
5,519,189	5,577,794	62,190,833	51,630,444	Autres services de gaz .....	13
105,760,223	51,025,023	190,438,351	163,427,240	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
				<u>Utilisation</u>	
				<u>Ventes</u>	
1,199,962	809,606	4,948,080	4,856,899	Domestique .....	20
1,339,953	594,006	5,716,591	4,485,479	Commercial .....	21
10,093,892	4,029,510	33,965,172	33,110,249	Industriel .....	22
12,633,807	5,433,122	44,629,843	42,452,627	Total des ventes (20 + 21 + 22) .....	30
3,193,236	38,209,012	52,884,506	47,424,400	Exportations .....	31
251,126	-	306,840	32,622	Autres livraisons .....	32
16,078,169	43,642,134	97,821,189	89,909,649	Total des livraisons nettes (30 + 31 + 32) ....	33
959,724	-	18,071,186	10,605,703	Livraison à l'entrepôt de stockage .....	34
96,122	4,674	415,911	346,540	Fluctuation du volume de gaz dans le réseau .....	35
647,055	1,298,963	6,218,145	4,479,961	Gaz consommé dans le réseau .....	36
524,218	501,458	2,202,502	2,820,149	Fuites et autres pertes .....	37
18,305,288	45,447,229	124,728,933	108,162,002	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
				<u>Transferts à</u>	
80,805,488	-	...	...	Autres provinces .....	40
924,708	5,540,443	46,482,337	36,154,804	Distribution par transports (primaire) .....	41
5,724,739	37,351	19,227,081	19,110,434	Autres services de gaz .....	42
105,760,223	51,025,023	190,438,351	163,427,240	Total de l'utilisation (39 + 40 + 41 + 42) ....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January - - Janvier	February - - Février	March - - Mars	April - - Avril	May - - Mai	June - - Juin	July - - Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	10,645,974	9,370,792	10,004,935	8,746,434	5,640,328	5,360,711	6,621,742
1b	Processing plants .....	103,471,100	98,866,494	106,477,068	101,216,676	90,026,446	78,021,578	80,668,595
2	<u>By distribution systems</u>							
2a	Fields .....	23,820,924 <sup>F</sup>	17,581,205 <sup>F</sup>	16,786,209 <sup>F</sup>	12,869,187 <sup>F</sup>	11,579,251 <sup>F</sup>	9,577,886 <sup>F</sup>	7,750,514 <sup>F</sup>
2b	Processing plants .....	15,626,284 <sup>F</sup>	13,267,644 <sup>F</sup>	13,450,609 <sup>F</sup>	11,073,294 <sup>F</sup>	9,587,194 <sup>F</sup>	9,199,073 <sup>F</sup>	9,010,091 <sup>F</sup>
3	Total (1 + 2) .....	153,564,282	139,086,135	146,718,821	133,905,591	116,833,219	102,159,248	104,050,942 <sup>F</sup>
4	Imports .....	2,968,411	2,852,203	4,201,424	4,254,464	4,101,579	3,169,159	1,814,681
5	Other receipts (1) .....	304,789	117,525	121,651	122,631	9,088	13,265	3,753
6	Total net receipts (3 + 4 + 5).	156,837,482	142,055,863	151,041,896	138,282,686	120,943,886	105,341,672	105,869,376 <sup>F</sup>
7	Received from storage .....	17,417,972	10,028,714	6,752,190	1,118,968	3,365,083	1,826,868	1,140,744
9	Total supply of gas utilities (6 + 7).	174,255,454	152,084,577	157,794,086	139,401,654	124,308,969	107,168,540	107,010,120 <sup>F</sup>
11	<u>Transfers from</u>							
12	Other provinces .....	...	...	...	...	...	...	...
13	Distribution to transport (primary).	5,983,105	5,504,292	5,454,353	4,695,065	5,996,070	3,630,957	3,666,566
13	Other gas utilities .....	71,983,013	64,050,999	68,712,721	59,257,520	44,301,635	35,553,405	44,277,427
19	Total gross receipts (9 + 11 + 12 + 13).	252,221,572	221,639,868	231,961,160	203,354,239	174,606,674	146,352,902	154,954,113 <sup>F</sup>
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	41,725,382	35,851,699	29,424,197	22,155,613	12,851,907	8,689,321	5,679,942 <sup>F</sup>
21	Commercial .....	37,311,788	35,327,155	20,187,396	16,200,467	10,121,068	6,753,980	5,243,768 <sup>F</sup>
22	Industrial .....	26,478,302	24,182,583	38,571,351	37,971,837	36,982,563	34,268,008	33,012,130
30	Total sales (20 + 21 + 22).	105,515,472	95,361,437	88,182,944	76,327,917	59,955,538	49,711,309	43,935,840 <sup>F</sup>
31	Exports .....	58,033,790	53,393,931	56,607,382	55,914,920	55,620,280	50,397,312	51,847,472
32	Other deliveries .....	1,459,750	1,585,935	1,370,907	384,612	291,506	86,240	143,241
33	Total net deliveries (30 + 31 + 32).	165,009,012	150,341,303	146,161,233	132,627,449	115,867,324	100,194,861	95,926,553 <sup>F</sup>
34	Delivered to storage .....	695,411	1,054,029	1,669,249	8,325,838	5,617,447	3,595,229	8,142,586
35	Line pack fluctuation .....	-647,899	520,208	41,319	624,227	-124,837	810,472	-616,979
36	Gas used in system .....	7,388,026	7,262,667	7,989,697	7,132,805	4,947,209	3,243,608	3,073,036
37	Line losses and unaccounted for.	1,810,904	-7,093,630	1,932,588	-9,308,665	-1,998,174	-675,630	484,924
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	174,255,454	152,084,577	157,794,086	139,401,654	124,308,969	107,168,540	107,010,120 <sup>F</sup>
40	<u>Transfers to</u>							
41	Other provinces .....	...	...	...	...	...	...	...
42	Distribution by transport (primary).	53,908,468	49,457,245	35,968,526	43,078,980	35,229,395	30,509,597	34,638,679
42	Other gas utilities .....	24,057,650	20,098,046	38,198,548	20,873,605	15,068,310	8,674,765	13,305,314
49	Total disposition (39 + 40 + 41 + 42).	252,221,572	221,639,868	231,961,160	203,354,239	174,606,674	146,352,902	154,954,113 <sup>F</sup>

(1) Includes peak shaving and enrichment.

TABLEAU 2. Arrivages et utilisation du gaz naturel, par mois, Canada

August -- Août	September -- Septembre	October -- Octobre	November -- Novembre	December -- Décembre	Year to date -- Total cumulatif		No
					1969	1968	
Mcf. -- Mpc.							
						</	

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau- Brunswick	Québec	Ontario	Saskat- chewan
		Mcf. -- Mpc.			
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	6,624	9,171	758,456	1,155,393
2b	Processing plants .....	-	-	-	1,622,481
3	Total (1 + 2) .....	6,624	9,171	758,456	2,777,874
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	-	-
6	Total net receipts (3 + 4 + 5) .....	6,624	9,171	758,456	2,777,874
7	Received from storage .....	-	-	103,684	23,491
9	Total supply of gas utilities (6 + 7) .....	6,624	9,171	862,140	2,801,365
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	180,344
26	Manitoba .....	-	-	-	-
27	Ontario .....	-	-	743,898	-
28	Québec .....	-	9,171	-	-
29	New Brunswick .....	3,610	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	3,610	9,171	743,898	180,344
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	3,610	9,171	743,898	180,344
34	Delivered to storage .....	-	-	-	785,532
35	Line pack fluctuation .....	-	-	-	238,910
36	Gas used in system .....	-	-	30,200	1,171,337
37	Line losses and unaccounted for .....	3,014	-	88,042	425,242
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	6,624	9,171	862,140	2,801,365

(1) Includes peak shaving and enrichment.



TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia -- Colombie- Britannique	Imports from U.S.A. -- Importations des E.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
				<u>Arrivages</u>	
				<u>Par réseaux de transport</u>	1
7,171,108	359,786	-	7,530,894	Gisements .....	1a
76,682,801	17,818,008	-	94,500,809	Usines de traitement .....	1b
				<u>Par réseaux de distribution</u>	2
7,330,873	-	-	9,260,517	Gisements .....	2a
7,903,335	34,478	-	9,560,294	Usines de traitement .....	2b
99,088,117	18,212,272	-	120,852,514	Total (1 + 2) .....	3
-	-	3,728,265	3,728,265	Importations .....	4
2,129	18	-	2,147	Autres arrivages(1) .....	5
99,090,246	18,212,290	3,728,265	124,582,926	Total des arrivages nets (3 + 4 + 5) .....	6
18,832	-	-	146,007	Gaz provenant des stocks .....	7
99,109,078	18,212,290	3,728,265	124,728,933	Total des arrivages de gaz (6 + 7) .....	9
				<u>Utilisation</u>	
				<u>Ventes</u>	
674,700	4,758,422	-	5,433,122	Colombie-Britannique .....	23
12,631,445	-	2,362	12,633,807	Alberta .....	24
3,257,530	-	-	3,437,874	Saskatchewan .....	25
1,785,559	-	-	1,785,559	Manitoba .....	26
13,264,541	-	3,725,742	17,734,181	Ontario .....	27
3,592,519	-	-	3,601,690	Québec .....	28
-	-	-	3,610	Nouveau-Brunswick .....	29
35,206,294	4,758,422	3,728,104	44,629,843	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
40,845,772	12,038,734	-	52,884,506	Exportations .....	31
306,840	-	-	306,840	Autres livraisons .....	32
76,358,906	16,797,156	3,728,104	97,821,189	Total des livraisons nettes (30 + 31 + 32) ....	33
17,285,654	-	-	18,071,186	Livraison à l'entrepôt de stockage .....	34
177,156	- 155	-	415,911	Fluctuation du volume de gaz dans le réseau .....	35
3,963,389	1,053,219	-	6,218,145	Gaz consommé dans le réseau .....	36
1,323,973	362,070	161	2,202,502	Fuites et autres pertes .....	37
99,109,078	18,212,290	3,728,265	124,728,933	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 4. Sales of Natural Gas

No.		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- Nomb.		Mcf. -- Mpc.	\$	Mcf. -- Mpc.	\$
	<u>Residential</u>			August - 1969 - Août			
1	New Brunswick .....	130	1,699	2,054	7,437	1.21	3.62
2	Quebec .....	103,871	204,927	454,716	1,160,557	2.22	2.55
3	Ontario .....	569,333	703,046	1,773,142	2,602,285	2.52	1.47
4	Manitoba .....	107,261	109,539	266,853	330,659	2.44	1.24
5	Saskatchewan .....	119,010	121,418	441,747	566,329	3.64	1.28
6	Alberta .....	262,138	265,836	1,199,962	1,107,787	4.51	0.92
7	British Columbia .....	182,100	203,875	809,606	1,270,304	3.97	1.57
8	Canada .....	1,343,843	1,610,340	4,948,080	7,045,358	3.07	1.42
	<u>Commercial</u>						
9	New Brunswick .....		70	1,556	3,435	22.2	2.21
10	Quebec .....		10,367	246,210	301,798	23.7	1.23
11	Ontario .....		65,191	3,053,773	2,663,279	46.8	0.87
12	Manitoba .....		10,535	204,885	160,911	19.4	0.79
13	Saskatchewan .....		16,795	276,208	208,888	16.4	0.76
14	Alberta .....		29,758	1,339,953	584,462	45.0	0.44
15	British Columbia .....		26,504	594,006	560,471	22.4	0.94
16	Canada .....		159,220	5,716,591	4,483,244	35.9	0.78
	<u>Industrial</u>						
17	New Brunswick .....		-	-	-	-	-
18	Quebec .....		2,076	2,900,764	1,312,012	1,397	0.45
19	Ontario .....		8,058	12,907,266	6,570,730	1,601	0.51
20	Manitoba .....		299	1,313,821	379,638	4,394	0.29
21	Saskatchewan .....		651	2,719,919	813,113	4,178	0.30
22	Alberta .....		926	10,093,892	1,821,420	10,900	0.18
23	British Columbia .....		344	4,029,510	1,554,100	11,714	0.39
24	Canada .....		12,354	33,965,172	12,451,013	2,749	0.37
25	Firm .....		11,792	26,777,631	9,743,107	...	...
26	Interruptible .....		562	7,187,541	2,707,906	...	...
	<u>Total sales</u>						
27	New Brunswick .....		1,769	3,610	10,872	2.0	3.01
28	Quebec .....		217,370	3,601,690	2,774,367	16.6	0.77
29	Ontario .....		776,295	17,734,181	11,836,294	22.8	0.67
30	Manitoba .....		120,373	1,785,559	871,208	14.8	0.48
31	Saskatchewan .....		138,864	3,437,874	1,588,330	24.8	0.46
32	Alberta .....		296,520	12,633,807	3,513,669	42.6	0.28
33	British Columbia .....		230,723	5,433,122	3,384,875	23.5	0.62
34	Canada .....		1,781,914	44,629,843	23,979,615	25.0	0.54

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients		Revenue -- Recettes
		No. -- Nomb.	Mcf. -- Mpc.	\$
1	Residential .....	10,984	22,366	49,698
2	Commercial .....	2,296	40,248	53,107
3	Industrial .....	8	232	346
4	Total .....	13,288	62,846	103,151

TABLEAU 4. Ventes de gaz naturel

Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes		No.
Space heating -- Chauffage d'habitation	Total				
No. -- Nomb.		Mcf. -- Mpc.	\$		
August - 1968 - Août				<u>Domestique</u>	
130	1,822	2,238	8,284	Nouveau-Brunswick .....	1
93,517	198,896	334,973	982,536	Québec .....	2
546,006	677,255	1,736,370	2,513,469	Ontario .....	3
101,578	104,057	314,673	398,787	Manitoba .....	4
112,360	117,846	463,113	561,028	Saskatchewan .....	5
251,710	253,992	1,301,968	1,118,099	Alberta .....	6
171,354	190,071	703,564	1,204,746	Colombie-Britannique .....	7
1,276,655	1,543,939	4,856,899	6,786,949	Canada .....	8
				<u>Commercial</u>	
	60	1,153	2,634	Nouveau-Brunswick .....	9
	10,193	255,069	333,538	Québec .....	10
	60,099	1,935,698	1,875,468	Ontario .....	11
	9,266	205,817	167,124	Manitoba .....	12
	15,672	260,126	196,509	Saskatchewan .....	13
	28,667	1,354,411	579,769	Alberta .....	14
	24,234	473,205	460,517	Colombie-Britannique .....	15
	148,191	4,485,479	3,615,559	Canada .....	16
				<u>Industriel</u>	
	-	-	-	Nouveau-Brunswick .....	17
	2,237	2,692,484	1,193,175	Québec .....	18
	7,373	11,795,341	6,150,068	Ontario .....	19
	291	1,051,845	316,931	Manitoba .....	20
	599	3,494,333	841,721	Saskatchewan .....	21
	919	8,439,930	1,528,970	Alberta .....	22
	322	5,636,316	1,652,826	Colombie-Britannique .....	23
	11,741	33,110,249	11,683,691	Canada .....	24
	10,062	21,574,881	7,894,233	Service continu .....	25
	1,679	11,535,368	3,789,458	Service qui peut être interrompu .....	26
				<u>Total des ventes</u>	
	1,882	3,391	10,918	Nouveau-Brunswick .....	27
	211,326	3,282,526	2,509,249	Québec .....	28
	744,727	15,467,409	10,539,005	Ontario .....	29
	113,614	1,572,335	882,842	Manitoba .....	30
	134,117	4,217,572	1,599,258	Saskatchewan .....	31
	283,578	11,096,309	3,226,838	Alberta .....	32
	214,627	6,813,085	3,318,089	Colombie-Britannique .....	33
	1,703,871	42,452,627	22,086,199	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- Nomb.	Mcf. -- Mpc.	\$		
1,504	4,818	6,013	Domestique .....	1
410	8,192	9,690	Commercial .....	2
18	22,468	7,907	Industriel .....	3
1,932	35,478	23,610	Total .....	4

TABLE 6. Operating Statistics: Natural Gas Utilities

TABLEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system - - Réseaux de gaz naturel		Total natural gas utilities - - des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
August - 1969 - Août:			
Daily average -- Moyenne journalière .....	3,205,382	1,439,672	3,738,464
Maximum(1) -- Maximum(1) .....	3,481,191	...	...
Minimum(1) -- Minimum(1) .....	2,497,623	...	...
Exports maximum(1) -- Maximum des exportations(1) .....			
August - 1968 - Août:			
Daily average -- Moyenne journalière .....	2,696,103	1,369,440	3,240,431
Maximum(1) -- Maximum(1) .....	3,001,391	...	...
Minimum(1) -- Minimum(1) .....	2,417,147	...	...
Year to date - 1969 - Année à ce jour:			
Daily average -- Moyenne journalière .....	3,143,921	2,319,426	4,205,845
Maximum(1) -- Maximum(1) .....	3,919,269	..	..
Minimum(1) -- Minimum(1) .....	2,210,829	..	..
<u>August - 1969 - Août</u>			
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	88,369,122	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,015	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	8,376,433	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	8,804,518	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	23,979,615	..

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition

TABLEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas - - Gaz manufacturé	Liquefied petroleum gases - - Gaz de pétrole liquéfiés
	Mcf. -- Mpc.	
Gas receipts -- Arrivages de gaz .....	38,714	57,387
Deliveries to ultimate customers -- Livraison pour consommation .....	35,478	62,846
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	281
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes. ....	3,236	- 5,740
Disposition - Total - de l'utilisation .....	38,714	57,387
Daily average sendout -- Livraison journalière moyenne .....	1,249	1,851
Revenues -- Recettes ..... \$	23,610	103,151

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

TABEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential -- Domestique	Commercial	Industrial -- Industriel	Total
Mcf. -- Mpc.				
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	2,479	1,877	-	4,356
Québec .....	460,515	249,260	2,936,395	3,646,170
Ontario .....	1,793,656	3,087,600	13,046,568	17,927,824
Manitoba .....	269,658	207,345	1,323,819	1,800,822
Saskatchewan .....	438,413	274,148	2,699,139	3,411,700
Alberta .....	1,266,517	1,445,031	10,674,920	13,386,468
British Columbia -- Colombie-Britannique .....	850,019	621,408	4,190,710	5,662,137
Canada .....	5,081,257	5,886,669	34,871,551	45,839,477

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot

TABEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia -- Colombie- Britannique	Total	Year to date total -- Depuis le début de l'année
Mcf. -- Mpc.							
Exports -- Exportations .....	107,221	608,306	10,894,041	3,267,393	40,175,813	55,052,774	452,120,769
Imports -- Importations .....	-	3,775,815	-	2,523	-	3,778,338	27,413,899

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot

TABEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases -- Gaz de pétrole liquéfiés	Manufactured gas -- Gaz manufacturé
Mcf. -- Mpc.		
Totals .....	43,019	17,120

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port - - Province et bureau de douane	Exports - - Exportations	Imports - - Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	105,950	-
<u>Ontario</u>		
Cornwall .....	302,737	-
Sarnia .....	-	1,896,435
Niagara Falls .....	298,061	1,042,842
Ojibway .....	-	786,465
Total .....	600,798	3,725,742
<u>Manitoba</u>		
Emerson .....	10,775,510	-
<u>Alberta</u>		
Aden .....	1,342,357	-
Carway .....	1,850,859	-
Coutts .....	20	2,523
Total .....	3,193,236	2,523
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	21,309,233	-
Other United States -- Reste des États-Unis .....	3,901,625	-
Huntingdon .....	12,998,154	-
Total .....	38,209,012	-
<u>Canada</u>		
August -- Août - 1969 .....	52,884,506	3,728,265
1968 .....	47,424,400	7,088,369
<u>Year to date -- Total cumulatif</u>		
1969 .....	434,699,593	27,090,186
1968 .....	390,109,902	62,009,485
<u>Value - - Valeur</u>		
1969 .....	\$ 14,092,735	1,633,247
1968 .....	\$ 10,594,071	3,501,654

(1) California, Nevada, Arizona. -- Californie.



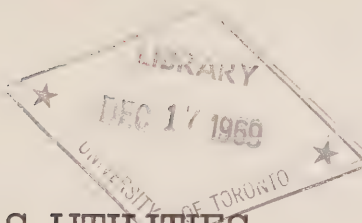




CATALOGUE No.

55-002

MONTHLY - MENSUEL



# GAS UTILITIES

## SERVICES DE GAZ

SEPTEMBER - 1969 - SEPTEMBRE

Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

December - 1969 - Décembre  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 11—No. 9

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- .. figures not available.
- ... figures not appropriate or not applicable.
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- amount too small to be expressed
- P preliminary figures.
- r revised figures.
- x confidential to meet secrecy requirements  
of the Statistics Act.

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- ... n'ayant pas lieu de figurer.
- néant ou zéro.
- nombres infimes.
- P nombres provisoires.
- r nombres rectifiés.
- x confidentiel en vertu des dispositions de la Loi  
sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1969

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
		Mcf. -- Mpc.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	6,939	11,340	906,982	-	2,087,178
2b	Processing plants .....	-	-	-	-	1,669,528
3	Total (1 + 2) .....	6,939	11,340	906,982	-	3,756,706
4	Imports .....	-	-	2,536,396	-	-
5	Other receipts(1) .....	-	-	-	3,480	-
6	Total net receipts (3 + 4 + 5) .....	6,939	11,340	3,443,378	3,480	3,756,706
7	Received from storage .....	-	-	282,101	-	261,974
9	Total supply of gas utilities (6 + 7) .....	6,939	11,340	3,725,479	3,480	4,018,680
	<u>Transfers from</u>					
11	Other provinces .....	-	4,108,366	37,850,364	52,085,176	54,871,958
12	Distribution to transport (primary) .....	-	-	-	-	2,604,330
13	Other gas utilities .....	-	3,743,798	39,944,184	2,481,484	1,805,520
19	Total gross receipts (9 + 11 + 12 + 13) .....	6,939	7,863,504	81,520,027	54,570,140	63,300,488
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	1,979	653,284	2,196,974	351,558	397,025
21	Commercial .....	1,475	206,012	2,654,368	263,285	220,365
22	Industrial .....	-	2,998,189	13,710,300	1,390,284	3,276,329
30	Total sales (20 + 21 + 22) .....	3,454	3,857,485	18,561,642	2,005,127	3,893,719
31	Exports .....	-	144,040	1,880,238	10,971,143	-
32	Other deliveries .....	-	-	127	-	56,710
33	Total net deliveries (30 + 31 + 32) .....	3,454	4,001,525	20,442,007	12,976,270	3,950,429
34	Delivered to storage .....	-	-	12,740,754	-	659,266
35	Line pack fluctuation .....	-	2,600	- 78,320	25,460	- 251,120
36	Gas used in system .....	-	26,747	2,644,054	625,006	1,225,484
37	Line losses and unaccounted for .....	3,485	88,834	1,718,982	611,556	1,221,403
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,939	4,119,706	37,467,477	14,238,292	6,805,462
	<u>Transfers to</u>					
40	Other provinces .....	-	-	4,108,366	37,850,364	52,085,176
41	Distribution by transport (primary) .....	-	3,734,444	31,687,283	2,481,484	1,805,520
42	Other gas utilities .....	-	9,354	8,256,901	-	2,604,330
49	Total disposition (39 + 40 + 41 + 42) .....	6,939	7,863,504	81,520,027	54,570,140	63,300,488

(1) Includes peak shaving and enrichment.



TABLEAU 1. Arrivages et utilisation du gaz naturel, par province

Septembre 1969

Alberta	British Columbia	Canada	September 1968		N <sup>o</sup>
	- - Colombie- Britannique		- - Septembre		
			Canada		
Mcf. -- Mpc.					
				<u>Arrivages</u>	
				<u>Par réseau de transport</u>	
8,220,127	444,568	8,664,695	6,292,088	Gisements .....	1a
76,247,552	19,825,669	96,073,221	74,543,700	Usines de traitement .....	1b
				<u>Par réseau de distribution</u>	2
8,913,556	-	11,925,995	10,698,681	Gisements .....	2a
9,272,486	52,623	10,994,637	9,085,450	Usines de traitement .....	2b
102,653,721	20,322,860	127,658,548	100,619,919	Total (1 + 2) .....	3
4,236	-	2,540,632	5,655,136	Importations .....	4
2,939	6,882	13,301	3,219	Arrivages(1) .....	5
102,660,896	20,329,742	130,212,481	106,278,274	Total des arrivages nets (3 + 4 + 5) .....	6
24,546	-	568,621	231,469	Gaz provenant des stocks .....	7
102,685,442	20,329,742	130,781,102	106,509,743	Total des arrivages de gaz (6 + 7) .....	9
				<u>Transferts de</u>	
-	26,381,807	...	...	Autres provinces .....	11
1,920,961	-	4,525,291	3,356,521	Distribution aux transports (primaire) .....	12
5,284,945	6,969,720	60,229,651	44,054,550	Autres services de gaz .....	13
109,891,348	53,681,269	195,536,044	153,920,814	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
				<u>Utilisation</u>	
				<u>Ventes</u>	
1,746,504	1,007,462	6,354,786	6,476,550	Domestique .....	20
1,911,757	699,631	5,956,893	5,759,917	Commercial .....	21
10,384,820	4,913,904	36,673,826	33,790,304	Industriel .....	22
14,043,081	6,620,997	48,985,505	46,026,771	Total des ventes (20 + 21 + 22) .....	30
2,874,107	37,736,817	53,606,345	47,328,559	Exportations .....	31
1,553,407	-	1,610,244	39,180	Autres livraisons .....	32
18,470,595	44,357,814	104,202,094	93,394,510	Total des livraisons nettes (30 + 31 + 32) ....	33
402,513	-	13,802,533	5,437,900	Livraison à l'entrepôt de stockage .....	34
- 82,281	337,831	- 45,830	- 184,341	Fluctuation du volume de gaz dans le réseau .....	35
622,921	1,554,852	6,699,064	4,616,387	Gaz consommé dans le réseau .....	36
2,017,929	461,052	6,123,241	3,245,287	Fuites et autres pertes .....	37
21,431,677	46,711,549	130,781,102	106,509,743	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
				<u>Transferts à</u>	
81,253,765	-	...	...	Autres provinces .....	40
2,996,269	6,907,166	49,612,166	33,531,715	Distribution par transports (primaire) .....	41
4,209,637	62,554	15,142,776	13,879,356	Autres services de gaz .....	42
109,891,348	53,681,269	195,536,044	153,920,814	Total de l'utilisation (39 + 40 + 41 + 42) ....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January -- Janvier	February -- Février	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	By transport systems							
1a	Fields .....	10,645,974	9,370,792	10,004,935	8,746,434	5,640,328	5,360,711	6,621,742
1b	Processing plants .....	103,471,100	98,866,494	106,477,068	101,216,676	90,026,446	78,021,578	80,668,595
2	By distribution systems							
2a	Fields .....	23,820,924 <sup>r</sup>	17,581,205 <sup>r</sup>	16,786,209 <sup>r</sup>	12,869,187 <sup>r</sup>	11,636,829 <sup>r</sup>	9,661,720 <sup>r</sup>	7,766,805 <sup>r</sup>
2b	Processing plants .....	15,626,284 <sup>r</sup>	13,267,644 <sup>r</sup>	13,450,609 <sup>r</sup>	11,073,294 <sup>r</sup>	9,587,194 <sup>r</sup>	9,199,073	9,010,091 <sup>r</sup>
3	Total (1 + 2) .....	153,564,282	139,086,135	146,718,821	133,905,591	116,890,797 <sup>r</sup>	102,243,082 <sup>r</sup>	104,067,233
4	Imports .....	2,968,411	2,852,203	4,201,424	4,254,464	4,101,579	3,169,159	1,814,681
5	Other receipts(1) .....	304,789	117,525	121,651	122,631	9,088	13,265	3,753
6	Total net receipts (3 + 4 + 5).	156,837,482	142,055,863	151,041,896	138,282,686	121,001,464 <sup>r</sup>	105,425,506 <sup>r</sup>	105,885,667 <sup>r</sup>
7	Received from storage .....	17,417,972	10,028,714	6,752,190	1,118,968	3,365,083	1,827,260 <sup>r</sup>	1,140,744
9	Total supply of gas utilities (6 + 7).	174,255,454	152,084,577	157,794,086	139,401,654	124,366,547 <sup>r</sup>	107,252,766 <sup>r</sup>	107,026,411
	<u>Transfers from</u>							
11	Other provinces .....	...	...	...	...	...	...	...
12	Distribution to transport (primary).	5,983,105	5,504,292	5,454,353	4,695,065	5,996,070	3,630,957	3,666,566
13	Other gas utilities .....	71,983,013	64,050,999	68,712,721	59,257,520	44,301,635	35,553,405	44,277,427
19	Total gross receipts (9 + 11 + 12 + 13).	252,221,572	221,639,868	231,961,160	203,354,239	174,664,252 <sup>r</sup>	146,437,128 <sup>r</sup>	154,970,404
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	41,725,382	35,851,699	29,424,197	22,155,613	12,851,907	8,689,321	5,679,942 <sup>r</sup>
21	Commercial .....	37,311,788	35,327,155	20,187,396	16,200,467	10,121,068	6,753,980	5,243,768 <sup>r</sup>
22	Industrial .....	26,478,302	24,182,583	38,571,351	37,971,837	36,982,563	34,268,008	33,012,130
30	Total sales (20 + 21 + 22).	105,515,472	95,361,437	88,182,944	76,327,917	59,955,538	49,711,309	43,935,840 <sup>r</sup>
31	Exports .....	58,033,790	53,393,931	56,607,382	55,914,920	55,620,280	50,397,312	51,847,472
32	Other deliveries .....	1,459,750	1,585,935	1,370,907	384,612	291,506	86,240	143,241
33	Total net deliveries (30 + 31 + 32).	165,009,012	150,341,303	146,161,233	132,627,449	115,867,324	100,194,861	95,926,553 <sup>r</sup>
34	Delivered to storage .....	695,411	1,054,029	1,669,249	8,325,838	5,617,447	3,595,229	8,142,586
35	Line pack fluctuation .....	-647,899	520,208	41,319	624,227	-124,837	810,472	-616,979
36	Gas used in system .....	7,388,026	7,262,667	7,989,697	7,132,805	4,947,209	3,244,000	3,073,036
37	Line losses and unaccounted for.	1,810,904	-7,093,630	1,932,588	-9,308,665	-1,940,596	-591,796	501,215
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	174,255,454	152,084,577	157,794,086	139,401,654	124,366,547	107,252,766	107,026,411
	<u>Transfers to</u>							
40	Other provinces .....	...	...	...	...	...	...	...
41	Distribution by transport (primary).	53,908,468	49,457,245	35,968,526	43,078,980	35,229,395	30,509,597	34,638,679
42	Other gas utilities .....	24,057,650	20,098,046	38,198,548	20,873,605	15,068,310	8,674,765	13,305,314
49	Total disposition (39 + 40 + 41 + 42).	252,221,572	221,639,868	231,961,160	203,354,239	174,664,252	146,437,128	154,970,404 <sup>r</sup>

(1) Includes peak shaving and enrichment.

TABLEAU 2. Arrivages et utilisation du gaz naturel, par mois, Canada

August -- Août	September -- Septembre	October -- Octobre	November -- Novembre	December -- Décembre	Year to date -- Total cumulatif			N°
					1969	1968		
Mcf. -- Mpc.								
7,530,894 94,500,809	8,664,695 96,073,221				72,586,505 849,321,987	60,003,655 715,235,502	<u>Arrivages</u>	
							<u>Par réseaux de transports</u>	1
							Cisements .....	1a
							Usines de traitement .....	1b
9,282,828 9,560,294	11,925,995 10,994,637				121,331,702 101,769,120	98,366,369 106,286,642	<u>Par réseau de distribution</u>	2a
							Cisements .....	2a
							Usines de traitement .....	2b
120,874,825	127,658,548				1,145,009,314	979,892,168	Total (1 + 2) .....	3
3,728,265 2,147	2,540,632 13,301				29,630,818 708,150	67,664,621 310,668	Importations .....	4
							Autres arrivages (1) .....	5
124,605,237	130,212,481				1,175,348,282	1,047,867,457	Total des arrivages nets (3 + 4 + 5).	6
146,007	568,621				42,365,559	35,122,293	Gas provenant des stocks ....	7
124,751,244	130,781,102				1,217,713,841	1,082,989,750	Total des arrivages de gaz (6 + 7).	9
...	...				...	...	<u>Transferts de</u>	
3,518,585 62,190,833	4,525,291 60,229,651				42,974,284 510,557,204	54,632,295 446,676,451	Autres provinces .....	11
							Distribution aux transports (primaires)	12
							Autres services de gaz ....	13
190,460,662	195,536,044				1,771,245,329	1,584,298,496	Total des arrivages bruts (9 + 11 + 12 + 13).	19
4,948,080 5,716,591 33,965,172	6,354,786 5,956,893 36,673,826				167,680,927 142,819,106 302,105,772	154,572,849 129,765,845 270,039,320	<u>Utilisation</u>	
							<u>Ventes</u>	
							Domestique .....	20
							Commercial .....	21
							Industriel .....	22
44,629,843	48,985,505				612,605,805	554,378,014	Total des ventes (20 + 21 + 22).	30
52,884,506 306,840	53,606,345 1,610,244				488,305,938 7,239,275	437,438,461 2,883,695	Exportations .....	31
							Autres livraisons .....	32
97,821,189	104,202,094				1,108,151,018	994,700,170	Total des livraisons net- tes (30 + 31 + 32) ....	33
18,071,186	13,802,533				60,973,508	53,670,132	Livraisons à l'entrepôt de stockage.	34
415,911 6,218,145	- 45,830 6,699,064				976,592 53,954,649	1,008,395 44,233,449	Fluctuation du volume de gaz dans le réseau.	35
							Gaz consommé dans le réseau	36
2,224,813	6,123,241				- 6,341,926	- 10,622,396	Fuites et autres pertes .....	37
							Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
124,751,244	130,781,102				1,217,713,841	1,082,989,750		
...	...				...	...	<u>Transferts à</u>	
							Autres provinces .....	40
							Distribution par transports (primaire).	41
							Autres services de gaz ....	42
46,482,337 19,227,081	49,612,166 15,142,776				378,885,393 174,646,095	356,277,917 145,030,829	Total de l'utilisation (39 + 40 + 41 + 42).	49
190,460,662	195,536,044				1,771,245,329	1,584,298,496		

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Saskatchewan
		Mcf. -- Mpc.			
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	6,939	11,340	906,982	2,087,178
2b	Processing plants .....	-	-	-	1,669,528
3	Total (1 + 2) .....	6,939	11,340	906,982	3,756,706
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	-	-
6	Total net receipts (3 + 4 + 5) .....	6,939	11,340	906,982	3,756,706
7	Received from storage .....	-	-	282,101	261,974
9	Total supply of gas utilities (6 + 7) .....	6,939	11,340	1,189,083	4,018,680
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	1,163,687
26	Manitoba .....	-	-	-	-
27	Ontario .....	-	-	992,185	-
28	Québec .....	-	11,340	-	-
29	New Brunswick .....	3,454	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	3,454	11,340	992,185	1,163,687
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	3,454	11,340	992,185	1,163,687
34	Delivered to storage .....	-	-	-	659,266
35	Line pack fluctuation .....	-	-	-	- 251,120
36	Gas used in system .....	-	-	35,017	1,225,474
37	Line losses and unaccounted for .....	3,485	-	161,881	1,221,373
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	6,939	11,340	1,189,083	4,018,680

(1) Includes peak shaving and enrichment.

TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia -- Colombie- Britannique	Imports from U.S.A. -- Importations des E.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
				<u>Arrivages</u>	
				<u>Par réseaux de transport</u>	1
8,220,127	444,568	-	8,664,695	Gisements .....	1a
76,247,552	19,825,669	-	96,073,221	Usines de traitement .....	1b
				<u>Par réseaux de distribution</u>	2
8,913,556	-	-	11,925,995	Gisements .....	2a
9,272,486	52,623	-	10,994,637	Usines de traitement .....	2b
102,653,721	20,322,860	-	127,658,548	Total (1 + 2) .....	3
-	-	2,540,632	2,540,632	Importations .....	4
6,419	6,882	-	13,301	Autres arrivages(1) .....	5
102,660,140	20,329,742	2,540,632	130,212,481	Total des arrivages nets (3 + 4 + 5) .....	6
24,546	-	-	568,621	Gaz provenant des stocks .....	7
102,684,686	20,329,742	2,540,632	130,781,102	Total des arrivages de gaz (6 + 7) .....	9
				<u>Utilisation</u>	
				<u>Ventes</u>	
1,007,976	5,613,021	-	6,620,997	Colombie-Britannique .....	23
14,038,979	-	4,102	14,043,081	Alberta .....	24
2,730,032	-	-	3,893,719	Saskatchewan .....	25
2,005,127	-	-	2,005,127	Manitoba .....	26
15,033,061	-	2,536,396	18,561,642	Ontario .....	27
3,846,145	-	-	3,857,485	Québec .....	28
-	-	-	3,454	Nouveau-Brunswick .....	29
38,661,320	5,613,021	2,540,498	48,985,505	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
40,941,761	12,664,584	-	53,606,345	Exportations .....	31
1,610,244	-	-	1,610,244	Autres livraisons .....	32
81,213,325	18,277,605	2,540,498	104,202,094	Total des livraisons nettes (30 + 31 + 32) ....	33
13,143,267	-	-	13,802,533	Livraison à l'entrepôt de stockage .....	34
- 112,497	317,787	-	- 45,830	Fluctuation du volume de gaz dans le réseau .....	35
4,171,417	1,267,156	-	6,699,064	Gaz consommé dans le réseau .....	36
4,269,174	467,194	134	6,123,241	Fuites et autres pertes .....	37
102,684,686	20,329,742	2,540,632	130,781,102	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 4. Sales of Natural Gas

No.		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- Nomb.		Mcf. -- Mpc.	\$	Mcf. -- Mpc.	\$
	<u>Residential</u>			September - 1969 - Septembre			
1	New Brunswick .....	130	1,669	1,979	7,283	1.2	3.68
2	Quebec .....	104,093	204,430	653,284	1,598,023	3.4	2.30
3	Ontario .....	572,640	707,303	2,196,974	3,124,203	3.1	1.42
4	Manitoba .....	107,611	109,859	351,558	434,519	3.2	1.24
5	Saskatchewan .....	119,412	121,828	397,025	551,134	3.3	1.39
6	Alberta .....	264,004	266,688	1,746,504	1,327,201	6.5	0.76
7	British Columbia .....	183,311	205,271	1,007,462	1,340,779	4.9	1.33
8	Canada .....	1,351,201	1,617,048	6,354,786	8,383,142	3.9	1.32
	<u>Commercial</u>						
9	New Brunswick .....	66	1,475	1,475	3,335	22.3	2.26
10	Quebec .....	10,352	206,012	206,012	248,052	27.8	0.86
11	Ontario .....	65,287	2,654,368	2,654,368	2,520,805	40.7	0.95
12	Manitoba .....	10,540	263,285	263,285	201,751	25.0	0.77
13	Saskatchewan .....	16,719	220,365	220,365	182,284	13.2	0.83
14	Alberta .....	31,030	1,911,757	1,911,757	771,449	61.6	0.40
15	British Columbia .....	26,621	699,631	699,631	654,374	26.3	0.94
16	Canada .....	160,615	5,956,893	5,956,893	4,582,050	37.1	0.77
	<u>Industrial</u>						
17	New Brunswick .....	-	-	-	-	-	-
18	Quebec .....	2,058	2,998,189	2,998,189	1,371,845	1,458	0.46
19	Ontario .....	8,183	13,710,300	13,710,300	7,260,902	1,920	0.52
20	Manitoba .....	300	1,390,284	1,390,284	402,464	4,634	0.29
21	Saskatchewan .....	630	3,276,329	3,276,329	853,720	5,201	0.26
22	Alberta .....	931	10,384,820	10,384,820	1,851,634	11,154	0.18
23	British Columbia .....	345	4,913,904	4,913,904	1,863,640	14,243	0.38
24	Canada .....	12,447	36,673,826	36,673,826	13,604,205	2,946	0.37
25	Firm .....	11,808	28,362,860	28,362,860	10,361,003	..	..
26	Interruptible .....	639	8,308,980	8,308,980	3,243,202	..	..
	<u>Total sales</u>						
27	New Brunswick .....	1,735	3,454	3,454	10,618	2.0	3.07
28	Quebec .....	216,840	3,857,485	3,857,485	3,217,920	18.4	0.81
29	Ontario .....	780,773	18,561,642	18,561,642	12,905,910	26.3	0.67
30	Manitoba .....	120,699	2,005,127	2,005,127	1,038,734	16.6	0.52
31	Saskatchewan .....	139,177	3,893,719	3,893,719	1,587,138	28.0	0.41
32	Alberta .....	298,649	14,043,081	14,043,081	3,950,284	47.0	0.28
33	British Columbia .....	232,237	6,620,997	6,620,997	3,858,793	28.5	0.58
34	Canada .....	1,790,110	48,985,505	48,985,505	26,569,397	27.4	0.54

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes
		No. -- Nomb.	Mcf. -- Mpc.	\$
1	Residential .....	10,894	20,463	46,095
2	Commercial .....	2,302	32,326	43,612
3	Industrial .....	8	190	302
4	Total .....	13,204	52,979	90,009



TABLEAU 4. Ventes de gaz naturel

Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes		No.
Space heating -- Chauffage d'habitation	Total				
No. -- Nomb.		Mcf. -- Mpc.	\$		
September - 1969 - Septembre				<u>Domestique</u>	
130	1,824	2,465	8,890	Nouveau-Brunswick .....	1
94,465	199,378	388,627	996,511	Québec .....	2
547,400	680,204	2,039,065	3,013,178	Ontario .....	3
101,966	104,401	458,512	511,766	Manitoba .....	4
113,398	118,927	679,681	718,011	Saskatchewan .....	5
253,305	255,807	1,920,128	1,360,492	Alberta .....	6
173,378	192,252	988,072	1,652,040	Colombie-Britannique .....	7
1,284,042	1,552,793	6,476,550	8,260,888	Canada .....	8
				<u>Commercial</u>	
	60	1,305	2,938	Nouveau-Brunswick .....	9
	10,193	233,832	287,661	Québec .....	10
	60,284	2,517,049	2,304,516	Ontario .....	11
	9,266	291,235	233,571	Manitoba .....	12
	15,965	303,785	213,641	Saskatchewan .....	13
	28,809	1,797,280	737,406	Alberta .....	14
	24,532	615,431	582,296	Colombie-Britannique .....	15
	149,109	5,759,917	4,362,029	Canada .....	16
				<u>Industriel</u>	
	-	-	-	Nouveau-Brunswick .....	17
	2,262	2,758,664	1,235,340	Québec .....	18
	7,405	12,733,306	6,766,904	Ontario .....	19
	292	1,268,891	369,798	Manitoba .....	20
	598	3,938,026	931,497	Saskatchewan .....	21
	846	8,580,532	1,551,597	Alberta .....	22
	321	4,510,885	1,361,825	Colombie-Britannique .....	23
	11,724	33,790,304	12,216,961	Canada .....	24
	11,148	26,362,816	9,389,949	Service continu .....	25
	576	7,427,488	2,827,012	Service qui peut être interrompu .....	26
				<u>Total des ventes</u>	
	1,884	3,770	11,828	Nouveau-Brunswick .....	27
	211,833	3,381,123	2,519,512	Québec .....	28
	747,893	17,289,420	12,084,598	Ontario .....	29
	113,959	2,018,638	1,115,135	Manitoba .....	30
	135,490	4,921,492	1,863,149	Saskatchewan .....	31
	285,462	12,297,940	3,649,495	Alberta .....	32
	217,105	6,114,388	3,596,161	Colombie-Britannique .....	33
	1,713,626	46,026,771	24,839,878	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- Nomb.	Mcf. -- Mpc.	\$		
1,469	5,591	7,815	Domestique .....	1
453	11,002	13,046	Commercial .....	2
18	36,082	12,135	Industriel .....	3
1,940	52,675	32,996	Total .....	4

TABLE 6. Operating Statistics: Natural Gas Utilities

TABLEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system - - Réseaux de gaz naturel		Total natural gas utilities - - des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
September - 1969 - Septembre:			
Daily average -- Moyenne journalière .....	3,440,617	1,632,850	3,933,488
Maximum(1) -- Maximum(1) .....	3,804,302	...	...
Minimum(1) -- Minimum(1) .....	3,053,198	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	1,974,860	...	...
September - 1968 - Septembre:			
Daily average -- Moyenne journalière .....	2,695,342	1,534,226	3,294,414
Maximum(1) -- Maximum(1) .....	3,065,973	...	...
Minimum(1) -- Minimum(1) .....	1,712,793	...	...
Year to date - 1969 - Année à ce jour:			
Daily average -- Moyenne journalière .....	3,176,525	2,243,977	4,282,507
Maximum(1) -- Maximum(1) .....	4,008,770	..	..
Minimum(1) -- Minimum(1) .....	2,210,829	..	..
<u>September - 1969 - Septembre</u>			
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	94,098,731	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,145	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
4 Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	8,804,518	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	8,587,191	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	26,569,397	..

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition

TABLEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas -- Gaz manufacturé	Liquefied petroleum gases -- Gaz de pétrole liquéfiés
	Mcf. -- Mpc.	
Gas receipts -- Arrivages de gaz .....	53,291	62,824
Deliveries to ultimate customers -- Livraison pour consommation .....	52,675	52,979
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	347
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes.	616	9,498
Disposition - Total - de l'utilisation .....	53,291	62,824
Daily average sendout -- Livraison journalière moyenne .....	1,776	2,094
Revenues -- Recettes ..... \$	32,996	90,009

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

TABEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential - - Domestique	Commercial	Industrial - - Industriel	Total
Mcf. -- Mpc.				
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	2,388	1,780	-	4,168
Québec .....	701,965	292,303	3,026,752	4,021,020
Ontario .....	2,225,116	2,688,858	15,919,205	20,833,179
Manitoba .....	355,583	266,863	1,402,580	2,025,026
Saskatchewan .....	374,817	208,049	3,089,904	3,672,770
Alberta .....	1,856,564	2,049,293	11,419,312	15,325,169
British Columbia -- Colombie-Britannique .....	1,051,840	724,597	5,080,884	6,857,321
Canada .....	6,568,273	6,231,743	39,938,637	52,738,653

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot

TABEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia - - Colombie- Britannique	Total	Year to date total - - Depuis le début de l'année
Mcf. -- Mpc.							
Exports -- Exportations .....	145,913	1,904,681	11,113,768	2,960,796	39,619,750	55,744,908	507,865,677
Imports -- Importations .....	-	2,569,587	-	4,236	-	2,573,823	29,987,722

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot

TABEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases - - Gaz de pétrole liquéfiés	Manufactured gas - - Gaz manufacturé
Mcf. -- Mpc.		
Totals .....	37,560	17,819

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port -- Province et bureau de douane	Exports -- Exportations	Imports -- Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	144,040	-
<u>Ontario</u>		
Cornwall .....	365,233	-
Sarnia .....	-	1,874,479
Niagara Falls .....	1,515,005	55,210
Ojibway .....	-	606,707
Total .....	1,880,238	2,536,396
<u>Manitoba</u>		
Emerson .....	10,971,143	-
<u>Alberta</u>		
Aden .....	953,339	-
Carway .....	1,920,748	-
Coutts .....	20	4,236
Total .....	2,874,107	4,236
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	20,025,826	-
Other United States -- Reste des États-Unis .....	3,589,634	-
Huntingdon .....	14,121,357	-
Total .....	37,736,817	-
<u>Canada</u>		
September -- Septembre 1969 .....	53,606,345	2,540,632
1968 .....	47,328,559	5,655,136
<u>Year to date -- Total cumulatif</u>		
1969 .....	488,305,938	29,630,818
1968 .....	437,438,461	67,664,621
<u>Value -- Valeur</u>		
1969 .....	\$ 14,526,374	1,101,923
1968 .....	\$ 12,227,205	2,276,042

(1) California, Nevada, Arizona. -- Californie.









**GAS UTILITIES**  

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**SERVICES DE GAZ**  
**OCTOBER - 1969 - OCTOBRE**

Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

January - 1970 - Janvier  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 11—No. 10



#### NOTE TO USER

Definitions of terms and concepts are given in  
DBS annual publication Catalogue number 57-205.

#### AVIS À L'USAGER

La terminologie et les définitions figurent dans la  
publication annuelle du B.F.S. dont le numéro de catalogue est  
57-205.

#### SYMBOLS

The following standard symbols are used in  
Dominion Bureau of Statistics publications;

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed
- P preliminary figures.
- r revised figures.
- x confidential to meet secrecy requirements  
of the Statistics Act.

#### SIGNES CONVENTIONNELS

Les signes conventionnels suivants sont employés  
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statistique:

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- ... n'ayant pas lieu de figurer.
- néant ou zéro.
- nombres infimes.
- P nombres provisoires.
- r nombres rectifiés.
- x confidentiel en vertu des dispositions de la Loi  
sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

October 1969

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
		Mcf. -- Mpc.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	8,238	13,286	914,306	-	3,176,779
2b	Processing plants .....	-	-	-	-	1,743,829
3	Total (1 + 2) .....	8,238	13,286	914,306	-	4,920,608
4	Imports .....	-	-	1,997,362	-	-
5	Other receipts(1) .....	-	-	-	6,052	-
6	Total net receipts (3 + 4 + 5) .....	8,238	13,286	2,911,668	6,052	4,920,608
7	Received from storage .....	-	-	4,424,430	-	800,182
9	Total supply of gas utilities (6 + 7) .....	8,238	13,286	7,336,098	6,052	5,720,790
	<u>Transfers from</u>					
11	Other provinces .....	-	4,911,496	35,557,988	52,397,188	56,363,991
12	Distribution to transport (primary) .....	-	-	-	-	3,165,754
13	Other gas utilities .....	-	4,458,910	32,165,301	4,445,832	2,904,582
19	Total gross receipts (9 + 11 + 12 + 13) .....	8,238	9,383,692	75,059,387	56,849,072	68,155,117
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	2,303	1,101,506	4,384,417	1,033,269	937,002
21	Commercial .....	1,567	428,060	4,416,639	789,260	543,627
22	Industrial .....	-	2,871,629	16,622,781	1,578,025	4,058,215
30	Total sales (20 + 21 + 22) .....	3,870	4,401,195	25,423,837	3,400,554	5,538,844
31	Exports .....	-	170,480	2,662,115	11,654,289	-
32	Other deliveries .....	-	-	970	-	56,558
33	Total net deliveries (30 + 31 + 32) .....	3,870	4,571,675	28,086,922	15,054,843	5,595,402
34	Delivered to storage .....	-	-	3,295,058	-	527,499
35	Line pack fluctuation .....	-	- 5,400	50,420	131,415	148,425
36	Gas used in system .....	-	14,990	2,228,023	525,498	1,079,013
37	Line losses and unaccounted for .....	4,368	343,517	4,322,167	1,133,496	2,336,309
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,238	4,924,782	37,982,590	16,845,252	9,686,648
	<u>Transfers to</u>					
40	Other provinces .....	-	-	4,911,496	35,557,988	52,398,133
41	Distribution by transport (primary) .....	-	4,448,569	28,395,484	4,445,832	2,904,582
42	Other gas utilities .....	-	10,341	3,769,817	-	3,165,754
49	Total disposition (39 + 40 + 41 + 42) .....	8,238	9,383,692	75,059,387	56,849,072	68,155,117

(1) Includes peak shaving and enrichment.

TABEAU 1. Arrivages et utilisation du gaz naturel, par province

Octobre 1969

Alberta	British Columbia -- Colombie- Britannique	Canada	October 1968 -- -- Octobre			N <sup>o</sup>
			Canada			
Mcf. -- Mpc.						
					<u>Arrivages</u>	
					<u>Par réseau de transport</u>	1
8,331,362	460,512	8,791,874	8,101,786	Gisements .....		1a
81,942,599	21,461,367	103,403,966	87,811,361	Usines de traitement .....		1b
				<u>Par réseau de distribution</u>		2
12,182,398	-	16,295,007	13,848,985	Gisements .....		2a
12,108,024	70,446	13,922,299	11,052,939	Usines de traitement .....		2b
114,564,383	21,992,325	142,413,146	120,815,071	Total (1 + 2) .....		3
10,113	-	2,007,475	3,824,415	Importations .....		4
5,079	73	11,204	4,343	Arrivages(1) .....		5
114,579,575	21,992,398	144,431,825	124,643,829	Total des arrivages nets (3 + 4 + 5) .....		6
420,345	-	5,644,957	4,637,911	Gaz provenant des stocks .....		7
114,999,920	21,992,398	150,076,782	129,281,740	Total des arrivages de gaz (6 + 7) .....		9
				<u>Transferts de</u>		
945	30,535,398	...	...	Autres provinces .....		11
2,668,249	-	5,834,003	3,555,542	Distribution aux transports (primaire) .....		12
5,260,285	7,356,912	56,591,822	49,640,930	Autres services de gaz .....		13
122,929,399	59,884,708	212,502,607	182,478,212	Total des arrivages bruts (9 + 11 + 12 + 13) ...		19
				<u>Utilisation</u>		
				<u>Ventes</u>		
3,377,150	1,998,380	12,834,027	11,105,188	Domestique .....		20
3,485,417	978,739	10,643,309	8,603,965	Commercial .....		21
10,921,659	3,739,632	39,791,941	36,849,785	Industriel .....		22
17,784,226	6,716,751	63,269,277	56,558,938	Total des ventes (20 + 21 + 22) .....		30
3,494,691	43,506,386	61,487,961	54,227,290	Exportations .....		31
3,100,390	-	3,157,918	977,893	Autres livraisons .....		32
24,379,307	50,223,137	127,915,156	111,764,121	Total des livraisons nettes (30 + 31 + 32) .....		33
30,858	-	3,853,415	1,808,289	Livraison à l'entrepôt de stockage .....		34
139,065	83,861	547,786	231,629	Fluctuation du volume de gaz dans le réseau .....		35
749,301	1,597,333	6,194,158	5,865,601	Gaz consommé dans le réseau .....		36
2,802,945	623,465	11,566,267	9,612,100	Fuites et autres pertes .....		37
28,101,476	52,527,796	150,076,782	129,281,740	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).		39
				<u>Transferts à</u>		
86,899,389	-	...	...	Autres provinces .....		40
3,272,986	7,261,015	50,728,468	39,128,628	Distribution par transports (primaire) .....		41
4,655,548	95,897	11,697,357	14,067,844	Autres services de gaz .....		42
122,929,399	59,884,708	212,502,607	182,478,212	Total de l'utilisation (39 + 40 + 41 + 42) .....		49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January -- Janvier	February -- Février	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	10,645,974	9,370,792	10,004,935	8,746,434	5,640,328	5,360,711	6,621,742
1b	Processing plants .....	103,471,100	98,866,494	106,477,068	101,216,676	90,026,446	78,021,578	80,668,595
2	<u>By distribution systems</u>							
2a	Fields .....	23,820,924	17,581,205	16,786,209	12,869,187	11,636,829	9,661,720	7,766,805
2b	Processing plants .....	15,626,284	13,267,644	13,450,609	11,073,294	9,587,194	9,199,073	9,010,091
3	Total (1 + 2) .....	153,564,282	139,086,135	146,718,821	133,905,591	116,890,797	102,243,082	104,067,233
4	Imports .....	2,968,411	2,852,203	4,201,424	4,254,464	4,101,579	3,169,159	1,814,681
5	Other receipts(1) .....	304,789	117,525	121,651	122,631	9,088	13,265	3,753
6	Total net receipts (3 + 4 + 5).	156,837,482	142,055,863	151,041,896	138,282,686	121,001,464	105,425,506	105,885,667
7	Received from storage .....	17,417,972	10,028,714	6,752,190	1,118,968	3,365,083	1,827,260	1,140,744
9	Total supply of gas utilities (6 + 7).	174,255,454	152,084,577	157,794,086	139,401,654	124,366,547	107,252,766	107,026,411
11	<u>Transfers from</u>							
12	Other provinces .....	...	...	...	...	...	...	...
12	Distribution to transport (primary).	5,983,105	5,504,292	5,454,353	4,695,065	5,996,070	3,630,957	3,666,566
13	Other gas utilities .....	71,983,013	64,050,999	68,712,721	59,257,520	44,301,635	35,553,405	44,277,427
19	Total gross receipts (9 + 11 + 12 + 13).	252,221,572	221,639,868	231,961,160	203,354,239	174,664,252	146,437,128	154,970,404
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	41,725,382	35,851,699	29,424,197	22,155,613	12,851,907	8,689,321	5,679,942
21	Commercial .....	37,311,788	35,327,155	20,187,396	16,200,467	10,121,068	6,753,980	5,243,768
22	Industrial .....	26,478,302	24,182,583	38,571,351	37,971,837	36,982,563	34,268,008	33,012,130
30	Total sales (20 + 21 + 22).	105,515,472	95,361,437	88,182,944	76,327,917	59,955,538	49,711,309	43,935,840
31	Exports .....	58,033,790	53,393,931	56,607,382	55,914,920	55,620,280	50,397,312	51,847,472
32	Other deliveries .....	1,459,750	1,585,935	1,370,907	384,612	291,506	86,240	143,241
33	Total net deliveries (30 + 31 + 32).	165,009,012	150,341,303	146,161,233	132,627,449	115,867,324	100,194,861	95,926,553
34	Delivered to storage .....	695,411	1,054,029	1,669,249	8,325,838	5,617,447	3,595,229	8,142,586
35	Line pack fluctuation .....	-647,899	520,208	41,319	624,227	-124,837	810,472	-616,979
36	Gas used in system .....	7,388,026	7,262,667	7,989,697	7,132,805	4,947,209	3,244,000	3,073,036
37	Line losses and unaccounted for.	1,810,904	-7,093,630	1,932,588	-9,308,665	-1,940,596	-591,796	501,215
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	174,255,454	152,084,577	157,794,086	139,401,654	124,366,547	107,252,766	107,026,411
	<u>Transfers to</u>							
40	Other provinces .....	...	...	...	...	...	...	...
41	Distribution by transport (primary).	53,908,468	49,457,245	35,968,526	43,078,980	35,229,395	30,509,597	34,638,679
42	Other gas utilities .....	24,057,650	20,098,046	38,198,548	20,873,605	15,068,310	8,674,765	13,305,314
49	Total disposition (39 + 40 + 41 + 42).	252,221,572	221,639,868	231,961,160	203,354,239	174,664,252	146,437,128	154,970,404

(1) Includes peak shaving and enrichment.



1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau- Brunswick	Québec	Ontario	Saskat- chewan
		Mcf. -- Mpc.			
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	8,238	13,286	914,306	3,176,779
2b	Processing plants .....	-	-	-	1,743,829
3	Total (1 + 2) .....	8,238	13,286	914,306	4,920,608
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	-	-
6	Total net receipts (3 + 4 + 5) .....	8,238	13,286	914,306	4,920,608
7	Received from storage .....	-	-	4,424,430	800,182
9	Total supply of gas utilities (6 + 7) .....	8,238	13,286	5,338,736	5,720,790
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	1,632,520
26	Manitoba .....	-	-	-	-
27	Ontario .....	-	-	4,750,102	-
28	Québec .....	-	13,286	-	-
29	New Brunswick .....	3,870	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	3,870	13,286	4,750,102	1,632,520
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	3,870	13,286	4,750,102	1,632,520
34	Delivered to storage .....	-	-	-	527,499
35	Line pack fluctuation .....	-	-	-	148,425
36	Gas used in system .....	-	-	26,429	1,078,993
37	Line losses and unaccounted for .....	4,368	-	562,205	2,333,353
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	8,238	13,286	5,338,736	5,720,790

(1) Includes peak shaving and enrichment.

TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia - - Colombie- Britannique	Imports from U.S.A. - - Importations des E.-U.	Total		N <sup>o</sup>
	Mcf.	-- Mpc.			
				<u>Arrivages</u>	
				<u>Par réseaux de transport</u>	1
8,331,362	460,512	-	8,791,874	Gisements .....	1a
81,942,599	21,461,367	-	103,403,966	Usines de traitement .....	1b
				<u>Par réseaux de distribution</u>	2
12,182,398	-	-	16,295,007	Gisements .....	2a
12,108,024	70,446	-	13,922,299	Usines de traitement .....	2b
114,564,383	21,992,325	-	142,413,146	Total (1 + 2) .....	3
-	-	2,007,475	2,007,475	Importations .....	4
11,131	73	-	11,204	Autres arrivages(1) .....	5
114,575,514	21,992,398	2,007,475	144,431,825	Total des arrivages nets (3 + 4 + 5) .....	6
420,345	-	-	5,644,957	Gaz provenant des stocks .....	7
114,995,859	21,992,398	2,007,475	150,076,782	Total des arrivages de gaz (6 + 7) .....	9
				<u>Utilisation</u>	
				<u>Ventes</u>	
908,970	5,807,781	-	6,716,751	Colombie-Britannique .....	23
17,774,047	-	10,179	17,784,226	Alberta .....	24
3,906,324	-	-	5,538,844	Saskatchewan .....	25
3,400,554	-	-	3,400,554	Manitoba .....	26
18,676,373	-	1,997,362	25,423,837	Ontario .....	27
4,387,909	-	-	4,401,195	Québec .....	28
-	-	-	3,870	Nouveau-Brunswick .....	29
49,054,177	5,807,781	2,007,541	63,269,277	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	30
47,215,733	14,272,228	-	61,487,961	Exportations .....	31
3,157,918	-	-	3,157,918	Autres livraisons .....	32
99,427,828	20,080,009	2,007,541	127,915,156	Total des livraisons nettes (30 + 31 + 32) ....	33
3,325,916	-	-	3,853,415	Livraison à l'entrepôt de stockage .....	34
345,958	53,403	-	547,786	Fluctuation du volume de gaz dans le réseau .....	35
3,784,111	1,304,625	-	6,194,158	Gaz consommé dans le réseau .....	36
8,112,046	554,361	- 66	11,566,267	Fuites et autres pertes .....	37
114,995,859	21,992,398	2,007,475	150,076,782	Total de la demande de gaz (33 + 34 + 35 + 36 + 37) .....	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 4. Sales of Natural Gas

No.		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- Nomb.		Mcf. -- Mpc.	\$	Mcf. -- Mpc.	\$
	<u>Residential</u>			October - 1969	Octobre		
1	New Brunswick .....	130	1,677	2,303	7,686	1.4	3.34
2	Quebec .....	104,808	204,545	1,101,506	1,788,983	5.4	1.62
3	Ontario .....	578,384	713,546	4,384,417	5,943,761	6.1	1.36
4	Manitoba .....	108,836	111,041	1,033,269	953,548	9.3	0.92
5	Saskatchewan .....	121,453	123,912	937,002	1,299,704	7.5	1.38
6	Alberta .....	267,686	270,344	3,377,150	1,996,907	12.5	0.59
7	British Columbia .....	184,128	207,206	1,998,380	2,599,383	9.6	1.30
8	Canada .....	1,365,425	1,632,271	12,834,027	14,589,972	7.9	1.14
	<u>Commercial</u>						
9	New Brunswick .....	65	1,567	3,960	24.1	2.53	
10	Quebec .....	10,227	428,060	461,208	41.9	1.08	
11	Ontario .....	66,227	4,416,639	3,810,530	66.7	0.86	
12	Manitoba .....	10,623	789,260	551,986	74.3	0.70	
13	Saskatchewan .....	17,021	543,627	450,060	31.9	0.83	
14	Alberta .....	30,242	3,485,417	1,327,735	115.3	0.38	
15	British Columbia .....	27,039	978,739	902,954	36.2	0.92	
16	Canada .....	161,444	10,643,309	7,508,433	65.9	0.71	
	<u>Industrial</u>						
17	New Brunswick .....	-	-	-	-	-	
18	Quebec .....	2,042	2,871,629	1,448,542	1,406	0.50	
19	Ontario .....	8,418	16,622,781	8,898,617	1,975	0.54	
20	Manitoba .....	306	1,578,025	461,096	5,157	0.29	
21	Saskatchewan .....	635	4,058,215	1,060,930	6,391	0.26	
22	Alberta .....	938	10,921,659	1,918,298	11,643	0.18	
23	British Columbia .....	349	3,739,632	1,453,916	10,715	0.39	
24	Canada .....	12,688	39,791,941	15,241,399	3,136	0.38	
25	Firm .....	12,021	30,470,968	11,613,507	...	...	
26	Interruptible .....	667	9,320,973	3,627,892	...	...	
	<u>Total sales</u>						
27	New Brunswick .....	1,742	3,870	11,646	2.2	3.00	
28	Quebec .....	216,814	4,401,195	3,698,733	20.3	0.84	
29	Ontario .....	788,191	25,423,837	18,652,908	32.2	0.73	
30	Manitoba .....	121,970	3,400,554	1,966,630	27.9	0.58	
31	Saskatchewan .....	141,568	5,538,844	2,810,694	39.1	0.51	
32	Alberta .....	301,524	17,784,226	5,242,940	58.9	0.29	
33	British Columbia .....	234,594	6,716,751	4,956,253	28.6	0.74	
34	Canada .....	1,806,403	63,269,277	37,339,804	35.0	0.59	

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes
		No. -- Nomb.	Mcf. -- Mpc	\$
1	Residential .....	10,829	40,669	62,494
2	Commercial .....	2,302	33,641	46,496
3	Industrial .....	7	79	131
4	Total .....	13,138	74,389	109,121

TABLEAU 4. Ventes de gaz naturel

Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes		No.
Space heating -- Chauffage d'habitation	Total				
No. -- Nomb.		Mcf. -- Mpc.	\$		
October - 1968 - Octobre					
<u>Domestique</u>					
130	1,817	2,430	8,560	Nouveau-Brunswick .....	1
110,868	201,374	686,880	1,443,954	Québec .....	2
549,369	690,142	3,444,655	4,889,920	Ontario .....	3
103,005	105,429	837,429	799,768	Manitoba .....	4
113,874	119,423	999,384	930,090	Saskatchewan .....	5
256,340	258,804	3,146,941	1,876,278	Alberta .....	6
175,066	193,800	1,987,469	3,300,424	Colombie-Britannique .....	7
1,308,652	1,570,789	11,105,188	13,248,994	Canada .....	8
<u>Commercial</u>					
	60	1,235	2,719	Nouveau-Brunswick .....	9
	10,254	373,736	485,801	Québec .....	10
	61,308	3,176,509	2,771,876	Ontario .....	11
	9,334	589,798	430,875	Manitoba .....	12
	16,125	592,429	359,535	Saskatchewan .....	13
	29,274	2,948,596	1,147,725	Alberta .....	14
	24,762	921,662	879,849	Colombie-Britannique .....	15
	151,117	8,603,965	6,078,380	Canada .....	16
<u>Industriel</u>					
	-	-	-	Nouveau-Brunswick .....	17
	2,243	2,880,664	1,380,010	Québec .....	18
	7,542	14,462,185	7,713,543	Ontario .....	19
	296	1,248,651	364,471	Manitoba .....	20
	610	3,766,522	916,765	Saskatchewan .....	21
	809	9,934,870	1,802,501	Alberta .....	22
	317	4,556,893	1,681,715	Colombie-Britannique .....	23
	11,817	36,849,785	13,859,005	Canada .....	24
	11,272	28,970,027	10,944,292	Service continu .....	25
	545	7,879,758	2,914,713	Service qui peut être interrompu .....	26
<u>Total des ventes</u>					
	1,877	3,665	11,279	Nouveau-Brunswick .....	27
	213,871	3,941,280	3,309,765	Québec .....	28
	758,992	21,083,349	15,375,339	Ontario .....	29
	115,059	2,675,878	1,595,114	Manitoba .....	30
	136,158	5,358,335	2,206,390	Saskatchewan .....	31
	288,887	16,030,407	4,826,504	Alberta .....	32
	218,879	7,466,024	5,861,988	Colombie-Britannique .....	33
	1,733,723	56,558,938	33,186,379	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- Nomb.	Mcf. -- Mpc.	\$		
1,406	4,189	5,428	Domestique .....	1
479	9,708	11,383	Commercial .....	2
21	30,696	10,798	Industriel .....	3
1,906	44,593	27,609	Total .....	4



TABLE 6. Operating Statistics: Natural Gas Utilities

TABLEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system - - Réseaux de gaz naturel		Total natural gas utilities - - des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
October - 1969 - Octobre			
Daily average -- Moyenne journalière .....	3,619,885	2,040,944	4,250,599
Maximum(1) -- Maximum(1) .....	3,956,845	...	...
Minimum(1) -- Minimum(1) .....	3,154,281	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	2,067,605	...	...
October - 1968 - Octobre			
Daily average -- Moyenne journalière .....	3,111,864	1,885,298	3,757,747
Maximum(1) -- Maximum(1) .....	3,575,551	...	...
Minimum(1) -- Minimum(1) .....	2,767,550	...	...
Year to date - 1969 - Année à ce jour:			
Daily average -- Moyenne journalière .....	3,221,738	2,223,273	4,279,254
Maximum(1) -- Maximum(1) .....	4,008,770	...	...
Minimum(1) -- Minimum(1) .....	2,527,670	...	...
<u>October - 1969 - Octobre</u>			
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	99,510,174	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,269	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	8,587,191	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	9,067,236	..	..
Operating revenues - Recettes d'exploitation ..... \$	..	37,339,804	..

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition

TABLEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas -- Gaz manufacturé	Liquefied petroleum gases -- Gaz de pétrole liquéfiés
Mcf. -- Mpc.		
Gas receipts -- Arrivages de gaz .....	47,541	83,831
Deliveries to ultimate customers -- Livraison pour consommation .....	44,593	74,389
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	628
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes.	2,948	8,814
Disposition - Total - de l'utilisation .....	47,541	83,831
Daily average sendout -- Livraison journalière moyenne .....	1,534	2,704
Revenues -- Recettes ..... \$	27,609	109,121



TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

TABLEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential -- Domestique	Commercial	Industrial -- Industriel	Total
	Mcf. -- Mpc.			
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	2,744	1,867	-	4,611
Québec .....	1,116,700	433,759	2,909,728	4,460,187
Ontario .....	4,446,245	4,479,685	16,872,930	25,798,860
Manitoba .....	1,043,872	798,872	1,591,228	3,433,972
Saskatchewan .....	941,160	546,043	4,076,168	5,563,371
Alberta .....	3,612,294	3,762,868	12,115,385	19,490,547
British Columbia -- Colombie-Britannique .....	2,100,262	1,026,074	3,915,280	7,041,616
Canada .....	13,263,277	11,049,168	41,480,719	65,793,164

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot

TABLEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia -- Colombie- Britannique	Total	Year to date total -- Depuis le début de l'année
	Mcf. -- Mpc.						
Exports -- Exportations .....	172,867	2,699,384	11,852,412	3,563,615	45,639,372	63,927,650	571,804,087
Imports -- Importations .....	-	2,034,335	-	10,113	-	2,044,448	32,032,170

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot

TABLEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases -- Gaz de pétrole liquéfiés	Manufactured gas -- Gaz manufacturé
	Mcf. -- Mpc.	
Totals .....	53,769	21,420

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

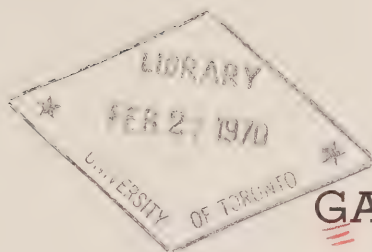
Province and customs port -- Province et bureau de douane	Exports -- Exportations	Imports -- Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	170,480	-
<u>Ontario</u>		
Cornwall .....	474,371	-
Sarnia .....	-	1,954,900
Niagara Falls .....	2,187,744	-
Ojibway .....	-	42,462
Total .....	2,662,115	1,997,362
<u>Manitoba</u>		
Emerson .....	11,654,289	-
<u>Alberta</u>		
Aden .....	1,482,754	-
Carway .....	2,011,917	-
Coutts .....	20	10,113
Total .....	3,494,691	10,113
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	24,187,478	-
Other United States -- Reste des États-Unis .....	3,822,830	-
Huntingdon .....	15,496,078	-
Total .....	43,506,386	-
<u>Canada</u>		
October -- Octobre - 1969 .....	61,487,961	2,007,475
1968 .....	54,227,290	3,824,415
<u>Year to date -- Total cumulatif</u>		
1969 .....	549,793,899	31,638,293
1968 .....	491,665,751	71,489,036
<u>Value - - Valeur</u>		
1969 .....	\$ 16,373,157	866,432
1968 .....	\$ 13,877,929	1,744,522

(1) California, Nevada, Arizona. -- Californie.





CATALOGUE No.  
**55-002**  
MONTHLY - MENSUEL



## **GAS UTILITIES**

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## **SERVICES DE GAZ**

**NOVEMBER - 1969 - NOVEMBRE**

Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

**DOMINION BUREAU OF STATISTICS**  
Manufacturing and Primary  
Industries Division

**BUREAU FÉDÉRAL DE LA STATISTIQUE**  
Division des industries manufacturières  
et primaires

February - 1970 - Février  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 11—No. 11





#### NOTE TO USER

Definitions of terms and concepts are given in DBS annual publication Catalogue number 57-205.

#### AVIS À L'USAGER

La terminologie et les définitions figurent dans la publication annuelle du B.F.S. dont le numéro de catalogue est 57-205.

#### SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
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- amount too small to be expressed
- P preliminary figures.
- r revised figures.
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- P nombres provisoires.
- r nombres rectifiés.
- x confidentiel en vertu des dispositions de la Loi sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

November 1969

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
		Mcf. -- Mpc.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	8,740	12,707	1,041,568	-	3,355,677
2b	Processing plants .....	-	-	-	-	1,879,308
3	Total (1 + 2) .....	8,740	12,707	1,041,568	-	5,234,985
4	Imports .....	-	-	1,626,353	-	-
5	Other receipts(1) .....	-	-	-	20,536	-
6	Total net receipts (3 + 4 + 5) .....	8,740	12,707	2,667,921	20,536	5,234,985
7	Received from storage .....	-	-	4,950,077	-	385,305
9	Total supply of gas utilities (6 + 7) .....	8,740	12,707	7,617,998	20,536	5,620,290
	<u>Transfers from</u>					
11	Other provinces .....	-	5,214,441	40,466,939	59,433,410	64,472,771
12	Distribution to transport (primary) .....	-	-	-	-	3,586,592
13	Other gas utilities .....	-	4,749,266	33,330,079	5,159,508	3,838,649
19	Total gross receipts (9 + 11 + 12 + 13) .....	8,740	9,976,414	81,415,016	64,613,454	77,518,302
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	2,791	1,408,222	8,151,425	1,799,518	2,035,573
21	Commercial .....	2,043	579,280	6,807,403	1,361,505	1,141,454
22	Industrial .....	-	2,579,208	16,891,896	1,471,707	4,281,487
30	Total sales (20 + 21 + 22) .....	4,834	4,566,710	31,850,724	4,632,730	7,458,514
31	Exports .....	-	218,745	3,482,797	12,701,777	-
32	Other deliveries .....	-	-	1,577	-	40,651
33	Total net deliveries (30 + 31 + 32) .....	4,834	4,785,455	33,335,098	17,334,507	7,499,165
34	Delivered to storage .....	-	-	916,402	-	395,906
35	Line pack fluctuation .....	-	8,200	66,960	663,900	240,538
36	Gas used in system .....	-	16,167	2,698,322	377,836	1,362,142
37	Line losses and unaccounted for .....	3,906	417,326	3,853,714	610,764	1,160,637
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,740	5,227,148	42,870,496	18,987,007	10,658,388
	<u>Transfers to</u>					
40	Other provinces .....	-	-	5,214,441	40,466,939	59,434,673
41	Distribution by transport (primary) .....	-	4,740,021	29,708,408	5,159,508	3,838,649
42	Other gas utilities .....	-	9,245	3,621,671	-	3,586,592
49	Total disposition (39 + 40 + 41 + 42) .....	8,740	9,976,414	81,415,016	64,613,454	77,518,302

(1) Includes peak shaving and enrichment.

TABLEAU 1. Arrivages et utilisation du gaz naturel, par province

Novembre 1969

Alberta	British Columbia - - Colombie- Britannique	Canada	November 1968 - - Novembre		N <sup>o</sup>
Mcf. -- Mpc.					
				<u>Arrivages</u>	
				<u>Par réseau de transport</u>	
8,570,025	448,611	9,018,636	9,376,100	Gisements .....	1a
91,048,202	22,497,659	113,545,861	96,877,567	Usines de traitement .....	1b
				<u>Par réseau de distribution</u>	2
12,069,583	34,249	16,522,524	15,558,141	Gisements .....	2a
10,825,645	73,432	12,778,385	11,367,313	Usines de traitement .....	2b
122,513,455	23,053,951	151,865,406	133,179,121	Total (1 + 2) .....	3
10,263	-	1,636,616	5,701,642	Importations .....	4
49,374	- 43	69,867	39,134	Arrivages(1) .....	5
122,573,092	23,053,908	153,571,889	138,919,897	Total des arrivages nets (3 + 4 + 5) .....	6
349,958	-	5,685,340	4,397,404	Gaz provenant des stocks .....	7
122,923,050	23,053,908	159,257,229	143,317,301	Total des arrivages de gaz (6 + 7) .....	9
				<u>Transferts de</u>	
1,263	30,751,150	...	...	Autres provinces .....	11
2,736,153	7,466,103	13,788,848	5,226,832	Distribution aux transports (primaire) .....	12
6,021,228	935,392	54,034,122	61,419,353	Autres services de gaz .....	13
131,681,694	62,206,553	227,080,199	209,963,486	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
				<u>Utilisation</u>	
				<u>Ventes</u>	
5,146,785	3,009,082	21,553,396	19,311,914	Domestique .....	20
4,542,958	1,462,280	15,896,923	36,322,761	Commercial .....	21
10,353,939	3,473,359	39,051,596	13,980,624	Industriel .....	22
20,043,682	7,944,721	76,501,915	69,615,299	Total des ventes (20 + 21 + 22) .....	30
3,657,640	43,538,193	63,599,152	55,356,723	Exportations .....	31
1,494,621	-	1,536,849	964,836	Autres livraisons .....	32
25,195,943	51,482,914	141,637,916	125,936,858	Total des livraisons nettes (30 + 31 + 32) .....	33
-	-	1,312,308	1,669,334	Livraison à l'entrepôt de stockage .....	34
288,338	- 102,319	1,165,617	781,774	Fluctuation du volume de gaz dans le réseau .....	35
812,676	1,800,232	7,067,375	5,609,751	Gaz consommé dans le réseau .....	36
1,403,435	624,231	8,074,013	9,319,584	Fuites et autres pertes .....	37
27,700,392	53,805,058	159,257,229	143,317,301	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
				<u>Transferts à</u>	
95,223,921	-	...	...	Autres provinces .....	40
1,800,898	8,249,198	53,496,682	49,343,546	Distribution par transports (primaire) .....	41
6,956,483	152,297	14,326,288	17,302,639	Autres services de gaz .....	42
131,681,694	62,206,553	227,080,199	209,963,486	Total de l'utilisation (39 + 40 + 41 + 42) .....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January -- Janvier	February -- Février	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	10,645,974	9,370,792	10,004,935	8,746,434	5,640,328	5,360,711	6,621,742
1b	Processing plants .....	103,471,100	98,866,494	106,477,068	101,216,676	90,026,446	78,021,578	80,668,595
2	<u>By distribution systems</u>							
2a	Fields .....	23,820,924	17,581,205	16,786,209	12,869,187	11,636,829	9,661,720	7,766,805
2b	Processing plants .....	15,626,284	13,267,644	13,450,609	11,073,294	9,587,194	9,199,073	9,010,091
3	Total (1 + 2) .....	153,564,282	139,086,135	146,718,821	133,905,591	116,890,797	102,243,082	104,067,233
4	Imports .....	2,968,411	2,852,203	4,201,424	4,254,464	4,101,579	3,169,159	1,814,681
5	Other receipts(1) .....	304,789	117,525	121,651	122,631	9,088	13,265	3,753
6	Total net receipts (3 + 4 + 5).	156,837,482	142,055,863	151,041,896	138,282,686	121,001,464	105,425,506	105,885,667
7	Received from storage .....	17,417,972	10,028,714	6,752,190	1,118,968	3,365,083	1,827,260	1,140,744
9	Total supply of gas utilities (6 + 7).	174,255,454	152,084,577	157,794,086	139,401,654	124,366,547	107,252,766	107,026,411
	<u>Transfers from</u>							
11	Other provinces .....	...	...	...	...	...	...	...
12	Distribution to transport (primary).	5,983,105	5,504,292	5,454,353	4,695,065	5,996,070	3,630,957	3,666,566
13	Other gas utilities .....	71,983,013	64,050,999	68,712,721	59,257,520	44,301,635	35,553,405	44,277,427
19	Total gross receipts (9 + 11 + 12 + 13).	252,221,572	221,639,868	231,961,160	203,354,239	174,664,252	146,437,128	154,970,404
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	41,725,382	35,851,699	29,424,197	22,155,613	12,851,907	8,689,321	5,679,942
21	Commercial .....	37,311,788	35,327,155	20,187,396	16,200,467	10,121,068	6,753,980	5,243,768
22	Industrial .....	26,478,302	24,182,583	38,571,351	37,971,837	36,982,563	34,268,008	33,012,130
30	Total sales (20 + 21 + 22).	105,515,472	95,361,437	88,182,944	76,327,917	59,955,538	49,711,309	43,935,840
31	Exports .....	58,033,790	53,393,931	56,607,382	55,914,920	55,620,280	50,397,312	51,847,472
32	Other deliveries .....	1,459,750	1,585,935	1,370,907	384,612	291,506	86,240	143,241
33	Total net deliveries (30 + 31 + 32).	165,009,012	150,341,303	146,161,233	132,627,449	115,867,324	100,194,861	95,926,553
34	Delivered to storage .....	695,411	1,054,029	1,669,249	8,325,838	5,617,447	3,595,229	8,142,586
35	Line pack fluctuation .....	-647,899	520,208	41,319	624,227	-124,837	810,472	-616,979
36	Gas used in system .....	7,388,026	7,262,667	7,989,697	7,132,805	4,947,209	3,244,000	3,073,036
37	Line losses and unaccounted for.	1,810,904	-7,093,630	1,932,588	-9,308,665	-1,940,596	-591,796	501,215
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	174,255,454	152,084,577	157,794,086	139,401,654	124,366,547	107,252,766	107,026,411
	<u>Transfers to</u>							
40	Other provinces .....	...	...	...	...	...	...	...
41	Distribution by transport (primary).	53,908,468	49,457,245	35,968,526	43,078,980	35,229,395	30,509,597	34,638,679
42	Other gas utilities .....	24,057,650	20,098,046	38,198,548	20,873,605	15,068,310	8,674,765	13,305,314
49	Total disposition (39 + 40 + 41 + 42).	252,221,572	221,639,868	231,961,160	203,354,239	174,664,252	146,437,128	154,970,404

(1) Includes peak shaving and enrichment.

TABLEAU 2. Arrivages et utilisation du gaz naturel, par mois, Canada

August -- Août	September -- Septembre	October -- Octobre	November -- Novembre	December -- Décembre	Year to date -- Total cumulatif			N°
					1969	1968		
Mcf. -- Mpc.								
							<u>Arrivages</u>	
							<u>Par réseaux de transports</u>	
7,530,894	8,664,695	8,791,874	9,018,636		90,397,015	77,481,541	Gisements .....	1
94,500,809	96,073,221	103,403,966	113,545,861		1,066,271,814	899,924,430	Usines de traitement .....	1a
								1b
							<u>Par réseau de distribution</u>	
9,282,828	11,925,995	16,295,007	16,522,524		154,149,233	127,773,495	Gisements .....	2
9,560,294	10,994,637	13,922,299	12,778,385		128,469,804	128,706,894	Usines de traitement .....	2a
								2b
120,874,825	127,658,548	142,413,146	151,865,406		1,439,287,866	1,233,886,360	Total (1 + 2) .....	3
3,728,265	2,540,632	2,007,475	1,636,616		33,274,909	77,190,678	Importations .....	4
2,147	13,301	11,204	69,867		789,221	354,145	Autres arrivages(1) .....	5
							Total des arrivages nets (3 + 4 + 5).	6
124,605,237	130,212,481	144,431,825	153,571,889		1,473,351,996	1,311,431,183	Gas provenant des stocks ....	7
146,007	568,621	5,644,957	5,685,340		53,695,856	44,157,608	Total des arrivages de gaz (6 + 7).	9
124,751,244	130,781,102	150,076,782	159,257,229		1,527,047,852	1,355,588,791		
...	...	...	...		...	...	<u>Transferts de</u>	
							Autres provinces .....	11
3,518,585	4,525,291	5,834,003	13,788,848		62,597,135	63,414,669	Distribution aux transports (primaires)	12
62,190,833	60,229,651	56,591,822	54,034,122		621,183,148	557,736,734	Autres services de gaz ....	13
							Total des arrivages bruts (9 + 11 + 12 + 13).	19
190,460,662	195,536,044	212,502,607	227,080,199		2,210,828,135	1,976,740,194		
							<u>Utilisation</u>	
							<u>Ventes</u>	
4,948,080	6,354,786	12,834,027	21,553,396		202,068,350	184,989,951	Domestique .....	20
5,716,591	5,956,893	10,643,309	15,896,923		169,359,338	174,692,571	Commercial .....	21
33,965,172	36,673,826	39,791,941	39,051,596		380,949,309	320,869,729	Industriel .....	22
							Total des ventes (20 + 21 + 22).	30
44,629,843	48,985,505	63,269,277	76,501,915		752,376,997	680,552,251	Exportations .....	31
52,884,506	53,606,345	61,487,961	63,599,152		613,393,051	547,022,474	Autres livraisons .....	32
306,840	1,610,244	3,157,918	1,536,849		11,934,042	4,826,424	Total des livraisons net- tes (30 + 31 + 32) ....	33
97,821,189	104,202,094	127,915,156	141,637,916		1,377,704,090	1,232,401,149	Livraisons à l'entrepôt de stockage.	34
18,071,186	13,802,533	3,853,415	1,312,308		66,139,231	57,147,755	Fluctuation du volume de gaz dans le réseau.	35
415,911	- 45,830	547,786	1,165,617		2,689,995	2,021,798	Gaz consommé dans le réseau	36
6,218,145	6,699,064	6,194,158	7,067,375		67,216,182	55,708,801	Fuites et autres pertes .....	37
2,224,813	6,123,241	11,566,267	8,074,013		13,298,354	8,309,288	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
124,751,244	130,781,102	150,076,782	159,257,229		1,527,047,852	1,355,588,791		
...	...	...	...		...	...	<u>Transferts à</u>	
							Autres provinces .....	40
46,482,337	49,612,166	50,728,468	53,496,682		483,110,543	444,750,091	Distribution par transports (primaire).	41
19,227,081	15,142,776	11,697,357	14,326,288		200,669,740	176,401,312	Autres services de gaz ....	42
							Total de l'utilisation (39 + 40 + 41 + 42).	49
190,460,662	195,536,044	212,502,607	227,080,199		2,210,828,135	1,976,740,194		

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		Mcf. -- Mpc.			
		New Brunswick -- Nouveau-Brunswick	Québec	Ontario	Saskatchewan
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	8,740	12,707	1,041,568	3,355,677
2b	Processing plants .....	-	-	-	1,879,308
3	Total (1 + 2) .....	8,740	12,707	1,041,568	5,234,985
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	-	-
6	Total net receipts (3 + 4 + 5) .....	8,740	12,707	1,041,568	5,234,985
7	Received from storage .....	-	-	4,950,077	385,305
9	Total supply of gas utilities (6 + 7) .....	8,740	12,707	5,991,645	5,620,290
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	2,460,047
26	Manitoba .....	-	-	-	-
27	Ontario .....	-	-	5,369,059	-
28	Québec .....	-	12,707	-	-
29	New Brunswick .....	4,834	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	4,834	12,707	5,369,059	2,460,047
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	4,834	12,707	5,369,059	2,460,047
34	Delivered to storage .....	-	-	-	395,906
35	Line pack fluctuation .....	-	-	-	240,538
36	Gas used in system .....	-	-	30,219	1,361,892
37	Line losses and unaccounted for .....	3,906	-	592,367	1,161,907
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37). .....	8,740	12,707	5,991,645	5,620,290

(1) Includes peak shaving and enrichment.



TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia -- Colombie- Britannique	Imports from U.S.A. -- Importations des E.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
				<u>Arrivages</u>	
				<u>Par réseaux de transport</u>	1
8,570,025	448,611	-	9,018,636	Gisements .....	1a
91,048,202	22,497,659	-	113,545,861	Usines de traitement .....	1b
				<u>Par réseaux de distribution</u>	2
12,069,583	34,249	-	16,522,524	Gisements .....	2a
10,825,645	73,432	-	12,778,385	Usines de traitement .....	2b
122,513,455	23,053,951	-	151,865,406	Total (1 + 2) .....	3
-	-	1,636,616	1,636,616	Importations .....	4
69,910	- 43	-	69,867	Autres arrivages(1) .....	5
122,583,365	23,053,908	1,636,616	153,571,889	Total des arrivages nets (3 + 4 + 5) .....	6
349,958	-	-	5,685,340	Gaz provenant des stocks .....	7
122,933,323	23,053,908	1,636,616	159,257,229	Total des arrivages de gaz (6 + 7) .....	9
				<u>Utilisation</u>	
				<u>Ventes</u>	
987,821	6,956,900	-	7,944,721	Colombie-Britannique .....	23
20,032,942	-	10,740	20,043,682	Alberta .....	24
4,998,467	-	-	7,458,514	Saskatchewan .....	25
4,632,730	-	-	4,632,730	Manitoba .....	26
24,855,312	-	1,626,353	31,850,724	Ontario .....	27
4,554,003	-	-	4,566,710	Québec .....	28
-	-	-	4,834	Nouveau-Brunswick .....	29
60,061,275	6,956,900	1,637,093	76,501,915	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
49,437,637	14,161,515	-	63,599,152	Exportations .....	31
1,536,849	-	-	1,536,849	Autres livraisons .....	32
111,035,761	21,118,415	1,637,093	141,637,916	Total des livraisons nettes (30 + 31 + 32) ....	33
916,402	-	-	1,312,308	Livraison à l'entrepôt de stockage .....	34
1,018,606	- 93,527	-	1,165,617	Fluctuation du volume de gaz dans le réseau .....	35
4,144,543	1,530,721	-	7,067,375	Gaz consommé dans le réseau .....	36
5,818,011	498,299	- 477	8,074,013	Fuites et autres pertes .....	37
122,933,323	23,053,908	1,636,616	159,257,229	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 4. Sales of Natural Gas

No.		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- Nomb.		Mcf. -- Mpc.	\$	Mcf. -- Mpc.	\$
	<u>Residential</u>			November - 1969 - Novembre			
1	New Brunswick .....	130	1,670	2,791	9,400	1.7	3.37
2	Quebec .....	106,501	204,781	1,408,222	2,112,937	6.9	1.50
3	Ontario .....	584,096	721,663	8,151,425	10,066,338	11.3	1.23
4	Manitoba .....	109,782	111,972	1,799,518	1,526,644	16.1	0.85
5	Saskatchewan .....	122,430	124,909	2,035,573	1,600,311	16.3	0.79
6	Alberta .....	269,733	272,294	5,146,785	2,776,545	18.9	0.54
7	British Columbia .....	184,916	209,232	3,009,082	4,348,306	14.4	1.45
8	Canada .....	1,377,588	1,646,521	21,553,396	22,440,481	13.1	1.04
	<u>Commercial</u>						
9	New Brunswick .....		65	2,043	4,284	31.4	2.10
10	Quebec .....		10,272	579,280	628,378	56.4	1.08
11	Ontario .....		67,451	6,807,403	5,838,077	100.9	0.86
12	Manitoba .....		10,750	1,361,505	920,206	126.7	0.68
13	Saskatchewan .....		17,125	1,141,454	667,629	66.7	0.58
14	Alberta .....		30,802	4,542,958	1,714,916	143.7	0.38
15	British Columbia .....		27,409	1,462,280	1,349,280	53.3	0.92
16	Canada .....		163,874	15,896,923	11,122,770	97.0	0.70
	<u>Industrial</u>						
17	New Brunswick .....		-	-	-	-	-
18	Quebec .....		2,032	2,579,208	1,414,485	1,269	0.55
19	Ontario .....		8,544	16,891,896	9,629,118	1,977	0.57
20	Manitoba .....		303	1,471,707	444,200	4,857	0.30
21	Saskatchewan .....		643	4,281,487	1,157,598	6,659	0.27
22	Alberta .....		673	10,353,939	1,887,489	15,384	0.18
23	British Columbia .....		350	3,473,359	1,388,018	9,924	0.40
24	Canada .....		12,545	39,051,596	15,920,908	3,113	0.41
25	Firm .....		11,877	31,136,183	12,623,853	...	...
26	Interruptible .....		668	7,915,413	3,297,055	...	...
	<u>Total sales</u>						
27	New Brunswick .....		1,735	4,834	13,684	4.9	1.62
28	Quebec .....		217,085	4,566,710	4,155,800	21.0	0.91
29	Ontario .....		797,658	31,850,724	25,533,533	39.9	0.80
30	Manitoba .....		123,025	4,632,730	2,891,050	37.7	0.62
31	Saskatchewan .....		142,677	7,458,514	3,425,538	52.3	0.46
32	Alberta .....		303,769	20,043,682	6,378,950	65.9	0.32
33	British Columbia .....		236,991	7,944,721	7,085,604	33.5	0.89
34	Canada .....		1,822,940	76,501,915	49,484,159	42.0	0.65

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients		Revenue -- Recettes
		No. -- Nomb.	Mcf. -- Mpc.	\$
1	Residential .....	11,069	43,809	89,102
2	Commercial .....	2,323	42,994	60,255
3	Industrial .....	7	945	1,227
4	Total .....	13,399	87,748	150,584

TABLEAU 4. Ventes de gaz naturel

Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes		No.
Space heating -- Chauffage d'habitation	Total				
No. -- Nomb.		Mcf. -- Mpc.	\$		
November - 1968 - Novembre				<u>Domestique</u>	
130	1,822	3,113	10,478	Nouveau-Brunswick .....	1
97,999	201,738	1,379,735	2,114,931	Québec .....	2
519,791	702,170	7,403,738	9,182,407	Ontario .....	3
103,833	106,396	1,605,466	1,392,109	Manitoba .....	4
115,236	119,998	1,680,974	1,322,336	Saskatchewan .....	5
258,226	260,854	4,625,778	2,507,286	Alberta .....	6
177,656	196,472	2,613,110	4,215,469	Colombie-Britannique .....	7
1,272,871	1,589,450	19,311,914	20,745,016	Canada .....	8
				<u>Commercial</u>	
	60	1,987	4,205	Nouveau-Brunswick .....	9
	10,410	567,116	666,294	Québec .....	10
	62,894	5,597,678	4,853,974	Ontario .....	11
	9,455	1,150,791	735,992	Manitoba .....	12
	16,282	1,026,012	578,172	Saskatchewan .....	13
	29,512	4,240,680	1,602,634	Alberta .....	14
	25,287	1,396,360	1,317,625	Colombie-Britannique .....	15
	153,900	13,980,624	9,758,896	Canada .....	16
				<u>Industriel</u>	
	-	-	-	Nouveau-Brunswick .....	17
	2,266	2,461,892	1,429,671	Québec .....	18
	7,647	15,465,556	8,735,092	Ontario .....	19
	299	1,429,683	405,075	Manitoba .....	20
	607	4,016,325	1,053,108	Saskatchewan .....	21
	710	9,621,049	1,582,373	Alberta .....	22
	305	3,328,256	1,276,145	Colombie-Britannique .....	23
	11,834	36,322,761	14,481,464	Canada .....	24
	11,213	28,969,759	11,615,894	Service continu .....	25
	621	7,353,002	2,865,570	Service qui peut être interrompu .....	26
				<u>Total des ventes</u>	
	1,882	5,100	14,683	Nouveau-Brunswick .....	27
	214,414	4,408,743	4,210,896	Québec .....	28
	772,711	28,466,972	22,771,473	Ontario .....	29
	116,150	4,185,940	2,533,176	Manitoba .....	30
	136,887	6,723,311	2,953,616	Saskatchewan .....	31
	291,076	18,487,507	5,692,293	Alberta .....	32
	222,064	7,337,726	6,809,239	Colombie-Britannique .....	33
	1,755,184	69,615,299	44,985,376	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- Nomb.	Mcf. -- Mpc.	\$		
1,393	- 348(1)	8,393	Domestique .....	1
476	11,560	13,573	Commercial .....	2
21	16,805	6,888	Industriel .....	3
1,890	28,017	28,854	Total .....	4

(1) Includes adjustments from previous months.

TABLE 6. Operating Statistics: Natural Gas Utilities

TABLEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system - - Réseaux de gaz naturel		Total natural gas utilities - - des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
November - 1969 - Novembre:			
Daily average -- Moyenne journalière .....	3,908,826	2,550,064	4,765,007
Maximum(1) -- Maximum(1) .....	4,251,601	...	...
Minimum(1) -- Minimum(1) .....	3,577,425	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	2,156,028	...	...
November - 1968 - Novembre:			
Daily average -- Moyenne journalière .....	3,490,009	2,320,510	4,253,540
Maximum(1) -- Maximum(1) .....	4,108,059	...	...
Minimum(1) -- Minimum(1) .....	2,530,187	...	...
Year to date - 1969 - Année à ce jour:			
Daily average -- Moyenne journalière .....	3,282,945	2,252,626	4,322,884
Maximum(1) -- Maximum(1) .....	4,251,601	...	...
Minimum(1) -- Minimum(1) .....	2,210,829	...	...
<u>November - 1969 - Novembre</u>			
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	112,077,517	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,506	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	9,067,236	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	9,580,898	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	49,484,159	..

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition

TABLEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas Gaz manufacturé	Liquefied petroleum gases Gaz de pétrole liquéfiés
	Mcf. -- Mpc.	
Gas receipts -- Arrivages de gaz .....	34,888	94,429
Deliveries to ultimate customers -- Livraison pour consommation .....	28,017	87,748
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	437
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes.	6,871	6,244
Disposition - Total - de l'utilisation .....	34,888	94,429
Daily average sendout -- Livraison journalière moyenne .....	1,163	3,147
Revenues -- Recettes ..... \$	28,854	150,584

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot  
TABLEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential -- Domestique	Commercial	Industrial -- Industriel	Total
	Mcf. -- Mpc.			
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	3,331	2,438	-	5,769
Québec .....	1,429,365	586,850	2,612,402	4,628,617
Ontario .....	8,247,952	6,886,954	17,103,710	32,238,616
Manitoba .....	1,818,203	1,377,360	1,483,365	4,678,928
Saskatchewan .....	2,068,953	1,160,116	4,352,080	7,581,149
Alberta .....	5,692,645	4,809,802	10,410,557	20,913,004
British Columbia -- Colombie-Britannique .....	3,161,624	1,532,010	3,633,118	8,326,752
Canada .....	22,422,073	16,355,530	39,595,232	78,372,835

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia -- Colombie- Britannique	Total	Year to date total -- Depuis le début de l'année
	Mcf. -- Mpc.						
Exports -- Exportations .....	221,151	3,521,108	12,854,198	3,730,109	45,678,964	66,005,530	637,809,617
Imports -- Importations .....	-	1,618,221	-	10,263	-	1,628,484	33,660,654

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases -- Gaz de pétrole liquéfiés	Manufactured gas -- Gaz manufacturé
	Mcf. -- Mpc.	
Totals .....	63,947	13,315

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port Province et bureau de douane	Exports Exportations	Imports Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	218,745	-
<u>Ontario</u>		
Cornwall .....	548,751	-
Niagara Falls .....	2,934,046	-
Ojibway .....	-	1,626,353
Total .....	3,482,797	1,626,353
<u>Manitoba</u>		
Emerson .....	12,701,777	-
<u>Alberta</u>		
Aden .....	1,563,705	-
Carway .....	2,093,915	-
Coutts .....	20	10,263
Total .....	3,657,640	10,263
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	23,731,839	-
Other United States -- Reste des États-Unis .....	4,521,261	-
Huntingdon .....	15,285,093	-
Total .....	43,538,193	-
<u>Canada</u>		
November -- Novembre 1969 .....	63,599,152	1,636,616
1968 .....	55,356,723	5,701,642
<u>Year to date -- Total cumulatif</u>		
1969 .....	613,393,051	33,274,909
1968 .....	547,022,474	77,190,678
<u>Value -- Valeur</u>		
1969 .....	\$ 16,652,971	696,736
1968 .....	\$ 14,285,499	1,838,518

(1) California, Nevada, Arizona. -- Californie.







CATALOGUE No.

55-002

MONTHLY - MENSUEL



## GAS UTILITIES

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## SERVICES DE GAZ

DECEMBER - 1969 - DÉCEMBRE

Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

March - 1970 - Mars  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 11—No. 12

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CATALOGUE No.

55-002

MONTHLY

Gas Utilities

December 1969

ERRATA

Page 10, Table 4, Col. 1:

Quebec reads 185,151 should read 107,851

Canada reads 1,469,111 should read 1,391,811

6503-509

#### NOTE TO USER

Definitions of terms and concepts are given in  
DBS annual publication Catalogue number 57-205.

#### AVIS À L'USAGER

La terminologie et les définitions figurent dans la  
publication annuelle du B.F.S. dont le numéro de catalogue est  
57-205.

#### SYMBOLS

The following standard symbols are used in  
Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed
- P preliminary figures.
- r revised figures.
- x confidential to meet secrecy requirements  
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Les signes conventionnels suivants sont employés  
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- néant ou zéro.
- nombres infimes.
- P nombres provisoires.
- r nombres rectifiés.
- x confidentiel en vertu des dispositions de la Loi  
sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

December 1969

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
		Mcf. -- Mpc.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	10,046	15,326	1,151,834	-	3,266,622
2b	Processing plants .....	-	-	-	-	2,206,660
3	Total (1 + 2) .....	10,046	15,326	1,151,834	-	5,473,282
4	Imports .....	-	-	1,647,229	-	-
5	Other receipts(1) .....	-	-	980	78,881	-
6	Total net receipts (3 + 4 + 5) .....	10,046	15,326	2,800,043	78,881	5,473,282
7	Received from storage .....	-	-	10,409,531	-	536,099
9	Total supply of gas utilities (6 + 7) .....	10,046	15,326	13,209,574	78,881	6,009,381
	<u>Transfers from</u>					
11	Other provinces .....	-	5,528,447	44,730,143	65,192,446	70,274,225
12	Distribution to transport (primary) .....	-	-	-	-	4,389,519
13	Other gas utilities .....	-	4,920,476	43,705,899	6,021,520	4,325,074
19	Total gross receipts (9 + 11 + 12 + 13) .....	10,046	10,464,249	101,645,616	71,292,847	84,998,199
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	2,756	2,171,129	13,148,013	2,281,194	2,364,902
21	Commercial .....	2,300	713,004	9,770,090	1,752,651	1,362,898
22	Industrial .....	-	2,032,900	18,029,552	1,271,032	3,936,232
30	Total sales (20 + 21 + 22) .....	5,056	4,917,033	40,947,655	5,304,877	7,664,032
31	Exports .....	-	289,489	3,372,013	13,232,906	-
32	Other deliveries .....	-	-	3,278	-	43,709
33	Total net deliveries (30 + 31 + 32) .....	5,056	5,206,522	44,322,946	18,537,783	7,707,741
34	Delivered to storage .....	-	-	63,923	-	97,205
35	Line pack fluctuation .....	-	- 2,200	- 25,997	342,875	- 94,427
36	Gas used in system .....	-	38,714	3,161,684	746,595	1,555,685
37	Line losses and unaccounted for .....	4,990	300,737	4,888,714	913,931	1,821,488
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	10,046	5,543,773	52,411,270	20,541,184	11,087,691
	<u>Transfers to</u>					
40	Other provinces .....	-	-	5,528,447	44,730,143	65,195,911
41	Distribution by transport (primary) .....	-	4,910,604	33,595,054	6,021,520	4,325,074
42	Other gas utilities .....	-	9,872	10,110,845	-	4,389,519
49	Total disposition (39 + 40 + 41 + 42) .....	10,046	10,464,249	101,645,616	71,292,847	84,998,199

(1) Includes peak shaving and enrichment.



TABLEAU 1. Arrivages et utilisation du gaz naturel, par province

Décembre 1969

Alberta	British Columbia -- Colombie- Britannique	Canada	December 1968 -- Décembre			N <sup>o</sup>
			Canada			
Mcf. -- Mpc.						
Arrivages						
Par réseau de transport						
9,841,638	5,149	9,846,787	10,483,186	Gisements .....	1a	
99,906,165	24,251,696	124,157,861	103,603,956	Usines de traitement .....	1b	
Par réseau de distribution						
13,139,610	38,016	17,621,454	20,457,094	Gisements .....	2a	
11,893,203	87,230	14,187,093	15,398,571	Usines de traitement .....	2b	
134,780,616	24,382,091	165,813,195	149,942,807	Total (1 + 2) .....	3	
13,425	-	1,660,654	4,363,397	Importations .....	4	
14,125	81	94,067	136,660	Arrivages(1) .....	5	
134,808,166	24,382,172	167,567,916	154,442,864	Total des arrivages nets (3 + 4 + 5) .....	6	
382,684	-	11,328,314	11,569,779	Gaz provenant des stocks .....	7	
135,190,850	24,382,172	178,896,230	166,012,643	Total des arrivages de gaz (6 + 7) .....	9	
Transferts de						
3,464	33,467,789	...	...	Autres provinces .....	11	
1,467,817	-	5,857,336	6,079,368	Distribution aux transports (primaire) .....	12	
7,336,943	9,780,526	76,090,438	70,838,353	Autres services de gaz .....	13	
143,999,074	67,630,487	260,844,004	242,930,364	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19	
Utilisation						
Ventes						
5,985,993	3,436,822	29,390,809	29,672,307	Domestique .....	20	
5,580,618	1,856,906	21,038,467	19,735,827	Commercial .....	21	
11,204,873	3,884,105	40,358,694	36,045,209	Industriel .....	22	
22,771,484	9,177,833	90,787,970	85,453,343	Total des ventes (20 + 21 + 22) .....	30	
3,876,452	45,945,484	66,716,344	57,422,747	Exportations .....	31	
1,316,158	-	1,363,145	1,975,490	Autres livraisons .....	32	
27,964,094	55,123,317	158,867,459	144,851,580	Total des livraisons nettes (30 + 31 + 32) .....	33	
-	-	161,128	609,920	Livraison à l'entrepôt de stockage .....	34	
634,142	77,231	931,624	727,448	Fluctuation du volume de gaz dans le réseau .....	35	
410,023	2,198,362	8,111,067	6,694,316	Gaz consommé dans le réseau .....	36	
2,444,041	451,051	10,824,952	13,129,379	Fuites et autres pertes .....	37	
31,452,300	57,849,961	178,896,230	166,012,643	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39	
Transferts à						
103,742,014	-	...	...	Autres provinces .....	40	
4,649,516	9,576,910	63,078,678	54,293,316	Distribution par transports (primaire) .....	41	
4,155,244	203,616	18,869,096	22,624,405	Autres services de gaz .....	42	
143,999,074	67,630,487	260,844,004	242,930,364	Total de l'utilisation (39 + 40 + 41 + 42) .....	49	

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January -- Janvier	February -- Février	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	10,645,974	9,370,792	10,004,935	8,746,434	5,640,328	5,360,711	6,621,742
1b	Processing plants .....	103,471,100	98,866,494	106,477,068	101,216,676	90,026,446	78,021,578	80,668,595
2	<u>By distribution systems</u>							
2a	Fields .....	23,820,924	17,581,205	16,786,209	12,869,187	11,636,829	9,661,720	7,766,805
2b	Processing plants .....	15,626,284	13,267,644	13,450,609	11,073,294	9,587,194	9,199,073	9,010,091
3	Total (1 + 2) .....	153,564,282	139,086,135	146,718,821	133,905,591	116,890,797	102,243,082	104,067,233
4	Imports .....	2,968,411	2,852,203	4,201,424	4,254,464	4,101,579	3,169,159	1,814,681
5	Other receipts(1) .....	304,789	117,525	121,651	122,631	9,088	13,265	3,753
6	Total net receipts (3 + 4 + 5).	156,837,482	142,055,863	151,041,896	138,282,686	121,001,464	105,425,506	105,885,667
7	Received from storage .....	17,417,972	10,028,714	6,752,190	1,118,968	3,365,083	1,827,260	1,140,744
9	Total supply of gas utilities (6 + 7).	174,255,454	152,084,577	157,794,086	139,401,654	124,366,547	107,252,766	107,026,411
11	<u>Transfers from</u>							
12	Other provinces .....	...	...	...	...	...	...	...
12	Distribution to transport (primary).	5,983,105	5,504,292	5,454,353	4,695,065	5,996,070	3,630,957	3,666,566
13	Other gas utilities .....	71,983,013	64,050,999	68,712,721	59,257,520	44,301,635	35,553,405	44,277,427
19	Total gross receipts (9 + 11 + 12 + 13).	252,221,572	221,639,868	231,961,160	203,354,239	174,664,252	146,437,128	154,970,404
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	41,725,382	35,851,699	29,424,197	22,155,613	12,851,907	8,689,321	5,679,942
21	Commercial .....	26,478,302	24,182,583	20,187,396	16,200,467	10,121,068	6,753,980	5,243,768
22	Industrial .....	37,311,788	35,327,155	38,571,351	37,971,837	36,982,563	34,268,008	33,012,130
30	Total sales (20 + 21 + 22).	105,515,472	95,361,437	88,182,944	76,327,917	59,955,538	49,711,309	43,935,840
31	Exports .....	58,033,790	53,393,931	56,607,382	55,914,920	55,620,280	50,397,312	51,847,472
32	Other deliveries .....	1,459,750	1,585,935	1,370,907	384,612	291,506	86,240	143,241
33	Total net deliveries (30 + 31 + 32).	165,009,012	150,341,303	146,161,233	132,627,449	115,867,324	100,194,861	95,926,553
34	Delivered to storage .....	695,411	1,054,029	1,669,249	8,325,838	5,617,447	3,595,229	8,142,586
35	Line pack fluctuation .....	-647,899	520,208	41,319	624,227	-124,837	810,472	-616,979
36	Gas used in system .....	7,388,026	7,262,667	7,989,697	7,132,805	4,947,209	3,244,000	3,073,036
37	Line losses and unaccounted for.	1,810,904	-7,093,630	1,932,588	-9,308,665	-1,940,596	-591,796	501,215
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	174,255,454	152,084,577	157,794,086	139,401,654	124,366,547	107,252,766	107,026,411
	<u>Transfers to</u>							
40	Other provinces .....	...	...	...	...	...	...	...
41	Distribution by transport (primary).	53,908,468	49,457,245	35,968,526	43,078,980	35,229,395	30,509,597	34,638,679
42	Other gas utilities .....	24,057,650	20,098,046	38,198,548	20,873,605	15,068,310	8,674,765	13,305,314
49	Total disposition (39 + 40 + 41 + 42).	252,221,572	221,639,868	231,961,160	203,354,239	174,664,252	146,437,128	154,970,404

(1)

TABLEAU 2. Arrivages et utilisation du gaz naturel, par mois, Canada

August -- Août	September -- Septembre	October -- Octobre	November -- Novembre	December -- Décembre	Year to date -- Total cumulatif			N°
					1969	1968		
Mcf. -- Mpc.								
							<u>Arrivages</u>	
							<u>Par réseaux de transports</u>	
7,530,894	8,664,695	8,791,874	9,018,636	9,846,787	100,243,802	87,964,727	Gisements .....	1a
94,500,809	96,073,221	103,403,966	113,545,861	124,157,861	1,190,429,675	1,003,528,386	Usines de traitement .....	1b
							<u>Par réseau de distribution</u>	2
9,282,828	11,925,995	16,295,007	16,522,524	17,621,454	171,770,687	148,230,589	Gisements .....	2a
9,560,294	10,994,637	13,922,299	12,778,385	14,187,093	142,656,897	144,105,465	Usines de traitement .....	2b
120,874,825	127,658,548	142,413,146	151,865,406	165,813,195	1,605,101,061	1,383,829,167	Total (1 + 2) .....	3
3,728,265	2,540,632	2,007,475	1,636,616	1,660,654	34,935,563	81,554,075	Importations .....	4
2,147	13,301	11,204	69,867	94,067	883,288	490,805	Autres arrivages(1) .....	5
124,605,237	130,212,481	144,431,825	153,571,889	167,567,916	1,640,919,912	1,465,874,047	Total des arrivages nets (3 + 4 + 5).	6
146,007	568,621	5,644,957	5,685,340	11,328,314	65,024,170	55,727,387	Gas provenant des stocks ....	7
124,751,244	130,781,102	150,076,782	159,257,229	178,896,230	1,705,944,082	1,521,601,434	Total des arrivages de gaz (6 + 7).	9
							<u>Transferts de</u>	
3,518,585	4,525,291	5,834,003	13,788,848	5,857,336	68,454,471	69,494,037	Autres provinces .....	11
62,190,833	60,229,651	56,591,822	54,034,122	76,090,438	697,273,586	628,575,087	Distribution aux transports (primaires)	12
190,460,662	195,536,044	212,502,607	227,080,199	260,844,004	2,471,672,139	2,219,670,558	Autres services de gaz ....	13
							Total des arrivages bruts (9 + 11 + 12 + 13).	19
							<u>Utilisation</u>	
							<u>Ventes</u>	
4,948,080	6,354,786	12,834,027	21,553,396	29,390,809	231,459,159	215,370,552	Domestique .....	20
5,716,591	5,956,893	10,643,309	15,896,923	21,038,467	168,419,747	144,055,874	Commercial .....	21
33,965,172	36,673,826	39,791,941	39,051,596	40,358,694	443,286,061	406,578,168	Industriel .....	22
44,629,843	48,985,505	63,269,277	76,501,915	90,787,970	843,164,967	766,004,594	Total des ventes (20 + 21 + 22).	30
52,884,506	53,606,345	61,487,961	63,599,152	66,716,344	680,109,395	604,445,221	Exportations .....	31
306,840	1,610,244	3,157,918	1,536,849	1,363,145	13,297,187	6,801,914	Autres livraisons .....	32
97,821,189	104,202,094	127,915,156	141,637,916	158,867,459	1,536,571,549	1,377,251,729	Total des livraisons net- tes (30 + 31 + 32) ....	33
18,071,186	13,802,533	3,853,415	1,312,308	161,128	66,300,359	57,757,675	Livraisons à l'entrepôt de stockage.	34
415,911	- 45,830	547,786	1,165,617	931,624	3,621,619	2,749,246	Fluctuation du volume de gaz dans le réseau.	35
6,218,145	6,699,064	6,194,158	7,067,375	8,111,067	75,327,249	62,403,117	Gaz consommé dans le réseau	36
2,224,813	6,123,241	11,566,267	8,074,013	10,824,952	24,123,306	21,439,667	Fuites et autres pertes ....	37
124,751,244	130,781,102	150,076,782	159,257,229	178,896,230	1,705,944,082	1,521,601,434	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
							<u>Transferts à</u>	
46,482,337	49,612,166	50,728,468	53,496,682	63,078,678	546,189,221	499,043,407	Autres provinces .....	40
19,227,081	15,142,776	11,697,357	14,326,288	18,869,096	219,538,836	199,025,717	Distribution par transports (primaire).	41
190,460,662	195,536,044	212,502,607	227,080,199	260,844,004	2,471,672,139	2,219,670,558	Autres services de gaz ....	42
							Total de l'utilisation (39 + 40 + 41 + 42).	49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau- Brunswick	Québec	Ontario	Saskat- chewan	
			Mcf. -- Mpc.			
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	
1b	Processing plants .....	-	-	-	-	
2	<u>By distribution systems</u>					
2a	Fields .....	10,046	15,326	1,151,834	3,266,622	
2b	Processing plants .....	-	-	-	2,206,660	
3	Total (1 + 2) .....	10,046	15,326	1,151,834	5,473,282	
4	Imports .....	-	-	-	-	
5	Other receipts(1) .....	-	-	980	-	
6	Total net receipts (3 + 4 + 5) .....	10,046	15,326	1,152,814	5,473,282	
7	Received from storage .....	-	-	10,409,531	536,099	
9	Total supply of gas utilities (6 + 7) .....	10,046	15,326	11,562,345	6,009,381	
	<u>Disposition</u>					
	<u>Sales</u>					
23	British Columbia .....	-	-	-	-	
24	Alberta .....	-	-	-	-	
25	Saskatchewan .....	-	-	-	2,626,243	
26	Manitoba .....	-	-	-	-	
27	Ontario .....	-	-	10,808,612	-	
28	Québec .....	-	15,326	-	-	
29	New Brunswick .....	5,056	-	-	-	
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	5,056	15,326	10,808,612	2,626,243	
31	Exports .....	-	-	-	-	
32	Other deliveries .....	-	-	-	-	
33	Total net deliveries (30 + 31 + 32) .....	5,056	15,326	10,808,612	2,626,243	
34	Delivered to storage .....	-	-	-	97,205	
35	Line pack fluctuation .....	-	-	-	- 94,427	
36	Gas used in system .....	-	-	50,681	1,555,389	
37	Line losses and unaccounted for .....	4,990	-	703,052	1,824,971	
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	10,046	15,326	11,562,345	6,009,381	

(1) Includes peak shaving and enrichment.

TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia -- Colombie- Britannique	Imports from U.S.A. -- Importations des E.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
<u>Arrivages</u>					
<u>Par réseaux de transport</u>					1
9,841,638	5,149	-	9,846,787	Gisements .....	1a
99,906,165	24,251,696	-	124,157,861	Usines de traitement .....	1b
<u>Par réseaux de distribution</u>					2
13,139,610	38,016	-	17,621,454	Gisements .....	2a
11,893,203	87,230	-	14,187,093	Usines de traitement .....	2b
134,780,616	24,382,091	-	165,813,195	Total (1 + 2) .....	3
-	-	1,660,654	1,660,654	Importations .....	4
93,006	81	-	94,067	Autres arrivages(1) .....	5
134,873,622	24,382,172	1,660,654	167,567,916	Total des arrivages nets (3 + 4 + 5) .....	6
382,684	-	-	11,328,314	Gaz provenant des stocks .....	7
135,256,306	24,382,172	1,660,654	178,896,230	Total des arrivages de gaz (6 + 7) .....	9
<u>Utilisation</u>					
<u>Ventes</u>					
1,628,982	7,548,851	-	9,177,833	Colombie-Britannique .....	23
22,758,147	-	13,337	22,771,484	Alberta .....	24
5,037,789	-	-	7,664,032	Saskatchewan .....	25
5,304,877	-	-	5,304,877	Manitoba .....	26
28,491,814	-	1,647,229	40,947,655	Ontario .....	27
4,901,707	-	-	4,917,033	Québec .....	28
-	-	-	5,056	Nouveau-Brunswick .....	29
68,123,316	7,548,851	1,660,566	90,787,970	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
52,237,360	14,478,984	-	66,716,344	Exportations .....	31
1,363,145	-	-	1,363,145	Autres livraisons .....	32
121,723,821	22,027,835	1,660,566	158,867,459	Total des livraisons nettes (30 + 31 + 32) ....	33
63,923	-	-	161,128	Livraison à l'entrepôt de stockage .....	34
961,706	64,345	-	931,624	Fluctuation du volume de gaz dans le réseau .....	35
4,607,115	1,897,882	-	8,111,067	Gaz consommé dans le réseau .....	36
7,899,741	392,110	88	10,824,952	Fuites et autres pertes .....	37
135,256,306	24,382,172	1,660,654	178,896,230	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.



TABLE 4. Sales of Natural Gas

No.		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- Nomb.		Mcf. -- Mpc.	\$	Mcf. -- Mpc.	\$
	<u>Residential</u>			December - 1969 - Décembre			
1	New Brunswick .....	130	1,681	2,756	9,480	1.6	3.44
2	Quebec .....	107,851 185,151	205,387	2,171,129	3,015,959	10.6	1.39
3	Ontario .....	595,408	726,916	13,148,013	15,642,960	18.0	1.19
4	Manitoba .....	110,783	112,983	2,281,194	1,899,871	20.2	0.83
5	Saskatchewan .....	122,864	125,352	2,364,902	1,793,684	18.9	0.76
6	Alberta .....	269,237	274,724	5,985,993	3,056,132	21.8	0.51
7	British Columbia .....	185,538	210,996	3,436,822	4,318,353	16.3	1.26
8	Canada .....	1,469,111 1,391,811	1,658,039	29,390,809	29,736,439	17.7	1.01
	<u>Commercial</u>						
9	New Brunswick .....	54	54	2,300	4,876	42.6	2.12
10	Quebec .....	10,293	10,293	713,004	818,196	69.3	1.15
11	Ontario .....	68,358	68,358	9,770,090	8,377,344	142.9	0.86
12	Manitoba .....	10,906	10,906	1,752,651	1,161,992	160.7	0.66
13	Saskatchewan .....	17,302	17,302	1,362,898	786,713	78.8	0.58
14	Alberta .....	31,197	31,197	5,580,618	2,074,310	178.9	0.37
15	British Columbia .....	27,710	27,710	1,856,906	1,698,252	67.0	0.91
16	Canada .....	165,820	165,820	21,038,467	14,921,683	126.9	0.71
	<u>Industrial</u>						
17	New Brunswick .....	-	-	-	-	-	-
18	Quebec .....	2,020	2,020	2,032,900	1,358,981	1,006	0.67
19	Ontario .....	8,592	8,592	18,029,552	10,476,048	2,098	0.58
20	Manitoba .....	303	303	1,271,032	409,520	4,195	0.32
21	Saskatchewan .....	659	659	3,936,232	1,212,152	5,973	0.31
22	Alberta .....	525	525	11,204,873	2,133,109	21,342	0.19
23	British Columbia .....	345	345	3,884,105	1,642,206	11,258	0.42
24	Canada .....	12,444	12,444	40,358,694	17,232,016	2,432	0.43
25	Firm .....	11,775	11,775	34,588,552	14,735,256	..	..
26	Interruptible .....	669	669	5,770,142	2,496,760	..	..
	<u>Total sales</u>						
27	New Brunswick .....	1,735	1,735	5,056	14,356	2.9	2.83
28	Quebec .....	217,700	217,700	4,917,033	5,193,136	22.6	1.06
29	Ontario .....	803,866	803,866	40,947,655	34,496,352	50.9	0.84
30	Manitoba .....	124,192	124,192	5,304,877	3,471,383	42.7	0.65
31	Saskatchewan .....	143,313	143,313	7,664,032	3,792,549	53.4	0.49
32	Alberta .....	306,446	306,446	22,771,484	7,263,551	74.3	0.32
33	British Columbia .....	239,051	239,051	9,177,833	7,658,811	33.4	0.83
34	Canada .....	1,836,303	1,836,303	90,787,970	61,890,138	49.4	0.68

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes
		No. -- Nomb.	Mcf. -- Mpc.	\$
1	Residential .....	11,037	52,208	102,493
2	Commercial .....	2,332	48,600	66,465
3	Industrial .....	7	853	1,115
4	Total .....	13,376	101,661	170,073



TABLEAU 4. Ventes de gaz naturel

Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes		No.
Space heating -- Chauffage d'habitation	Total				
No. -- Nomb.		Mcf. -- Mpc.	\$		
December - 1968 - Décembre				<u>Domestique</u>	
130	1,811	3,733	12,134	Nouveau-Brunswick .....	1
109,241	202,648	2,004,465	2,971,415	Québec .....	2
570,625	706,589	12,129,337	14,437,137	Ontario .....	3
104,826	107,215	2,379,093	1,971,243	Manitoba .....	4
116,401	121,212	2,542,712	1,810,536	Saskatchewan .....	5
259,534	262,730	6,723,638	3,352,286	Alberta .....	6
178,834	196,992	3,889,329	4,828,056	Colombie-Britannique .....	7
1,339,591	1,599,197	29,672,307	29,382,807	Canada .....	8
				<u>Commercial</u>	
	60	2,666	5,307	Nouveau-Brunswick .....	9
	10,398	720,362	832,308	Québec .....	10
	64,077	8,285,069	7,247,225	Ontario .....	11
	9,560	1,525,454	1,065,375	Manitoba .....	12
	16,659	1,480,397	805,057	Saskatchewan .....	13
	29,970	5,937,845	2,198,352	Alberta .....	14
	25,278	1,784,034	1,662,494	Colombie-Britannique .....	15
	156,002	19,735,827	13,816,118	Canada .....	16
				<u>Industriel</u>	
	-	-	-	Nouveau-Brunswick .....	17
	2,265	2,141,816	1,437,410	Québec .....	18
	7,828	15,147,896	8,868,463	Ontario .....	19
	295	1,135,291	337,627	Manitoba .....	20
	611	4,237,363	1,103,682	Saskatchewan .....	21
	529	10,722,137	1,951,700	Alberta .....	22
	283	2,660,706	954,591	Colombie-Britannique .....	23
	11,811	36,045,209	14,653,473	Canada .....	24
	11,187	26,266,435	11,206,400	Service continu .....	25
	624	9,778,774	3,447,073	Service qui peut être interrompu .....	26
				<u>Total des ventes</u>	
	1,871	6,399	17,441	Nouveau-Brunswick .....	27
	215,311	4,866,643	5,241,133	Québec .....	28
	778,494	35,562,302	30,552,825	Ontario .....	29
	117,070	5,039,838	3,374,245	Manitoba .....	30
	138,482	8,260,472	3,719,275	Saskatchewan .....	31
	293,229	23,383,620	7,502,338	Alberta .....	32
	222,553	8,334,069	7,445,141	Colombie-Britannique .....	33
	1,767,010	85,453,343	57,852,398	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- Nomb.	Mcf. -- Mpc.	\$		
1,391	4,637	5,827	Domestique .....	1
471	9,491	11,182	Commercial .....	2
20	12,836	5,675	Industriel .....	3
1,882	26,964	22,684	Total .....	4

TABLE 4A. Sales of Natural Gas, 1969

TABLEAU 4A. Ventes de gaz naturel, 1969

	Gas sold -- Gaz vendu Mcf. -- Mpc.	Revenue -- Recettes \$
<u>Residential -- Domestique</u>		
New Brunswick -- Nouveau-Brunswick .....	34,499	117,720
Québec .....	13,152,805	22,195,065
Ontario .....	96,663,203	117,414,274
Manitoba .....	18,314,772	15,842,431
Saskatchewan .....	21,968,117	17,644,415
Alberta .....	55,582,085	30,313,847
British Columbia -- Colombie-Britannique .....	25,743,678	37,702,336
Canada .....	231,459,159	241,230,088
<u>Commercial</u>		
New Brunswick -- Nouveau-Brunswick .....	24,326	52,078
Québec .....	6,238,253	7,185,261
Ontario .....	71,498,983	62,934,410
Manitoba .....	13,752,163	9,187,797
Saskatchewan .....	12,221,632	7,293,360
Alberta .....	47,805,646	18,435,547
British Columbia -- Colombie-Britannique .....	16,878,744	15,096,008
Canada .....	168,419,747	120,184,461
<u>Industrial -- Industriel</u>		
New Brunswick -- Nouveau-Brunswick .....	-	-
Québec .....	31,404,746	16,699,975
Ontario .....	183,298,752	102,540,069
Manitoba .....	15,331,490	4,673,571
Saskatchewan .....	44,653,359	12,551,541
Alberta .....	121,870,995	22,207,855
British Columbia -- Colombie-Britannique .....	46,726,719	17,099,378
Canada .....	443,286,061	175,772,389
<u>Total sales -- Total des ventes</u>		
New Brunswick -- Nouveau-Brunswick .....	58,825	169,798
Québec .....	50,795,804	46,080,301
Ontario .....	351,460,938	282,888,753
Manitoba .....	47,398,425	29,703,799
Saskatchewan .....	78,843,108	37,489,316
Alberta .....	225,258,726	70,957,249
British Columbia -- Colombie-Britannique .....	89,349,141	69,897,722
Canada .....	843,164,967	537,186,938

TABLE 5A. Sales of Liquefied Petroleum Gases and Manufactured Gas, 1969

TABLEAU 5A. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé, 1969

	Liquefied Petroleum gases -- Gaz de pétrole liquéfiés		Manufactured gas -- Gaz manufacturé	
	Gas sold -- Gaz vendu Mcf. -- Mpc.	Revenue -- Recettes \$	Gas sold -- Gaz vendu Mcf. -- Mpc.	Revenue -- Recettes \$
Residential -- Domestique .....	424,352	845,756	92,289	105,675
Commercial .....	504,250	684,085	123,416	143,660
Industrial -- Industriel .....	5,406	7,702	322,645	121,734
Total .....	934,008	1,537,543	538,350	371,069

TABLE 6. Operating Statistics: Natural Gas Utilities

TABLEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system - - Réseaux de gaz naturel		Total natural gas utilities - - des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
December - 1969 - Décembre			
Daily average -- Moyenne journalière .....	4,186,936	2,928,644	5,129,954
Maximum(1) -- Maximum(1) .....	4,495,392	...	...
Minimum(1) -- Minimum(1) .....	3,767,265	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	2,212,811	...	...
December - 1968 - Décembre			
Daily average -- Moyenne journalière .....	3,603,744	2,749,502	4,685,249
Maximum(1) -- Maximum(1) .....	4,031,053	...	...
Minimum(1) -- Minimum(1) .....	3,233,165	...	...
Year to date - 1969 - Année à ce jour:			
Daily average -- Moyenne journalière .....	3,359,722	2,310,041	4,391,430
Maximum(1) -- Maximum(1) .....	4,495,392	...	...
Minimum(1) -- Minimum(1) .....	2,324,595	...	...
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	121,033,661	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,760	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	9,580,898	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	9,586,425	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	61,890,138	..

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition

TABLEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas - - Gaz manufacturé	Liquefied petroleum gases - - Gaz de pétrole liquéfiés
	Mcf. -- Mpc.	
Gas receipts -- Arrivages de gaz .....	31,412	108,392
Deliveries to ultimate customers -- Livraison pour consommation .....	26,964	101,661
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	1,337
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes .....	4,448	5,394
Disposition - Total - de l'utilisation .....	31,412	108,392
Daily average sendout -- Livraison journalière moyenne .....	1,013	3,496
Revenues -- Recettes ..... \$	22,684	170,073

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot  
TABLEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential -- Domestique	Commercial	Industrial -- Industriel	Total
Mcf. -- Mpc.				
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	2,756	2,300	-	5,056
Québec .....	2,198,530	721,499	2,058,499	4,978,528
Ontario .....	13,266,276	9,857,506	18,211,104	41,334,886
Manitoba .....	2,302,882	1,771,975	1,280,070	5,354,927
Saskatchewan .....	2,361,232	1,360,825	3,929,904	7,651,961
Alberta .....	6,306,417	5,907,317	11,670,582	23,884,316
British Columbia -- Colombie-Britannique .....	3,382,506	1,931,776	4,035,033	9,349,315
Canada .....	29,820,599	21,553,198	41,185,192	92,558,989

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia -- Colombie- Britannique	Total	Year to date total -- Depuis le début de l'année
Mcf. -- Mpc.							
Exports -- Exportations .....	291,805	3,398,989	13,391,701	3,965,441	48,065,343	69,113,279	706,922,896
Imports -- Importations .....	-	1,635,698	-	13,425	-	1,649,123	35,309,777

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases -- Gaz de pétrole liquéfiés	Manufactured gas -- Gaz manufacturé
Mcf. -- Mpc.		
Totals .....	74,597	12,634

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port Province et bureau de douane	Exports Exportations	Imports Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	289,489	-
<u>Ontario</u>		
Cornwall .....	623,896	-
Niagara Falls .....	2,748,117	-
Ojibway .....	-	1,647,229
Total .....	3,372,013	1,647,229
<u>Manitoba</u>		
Emerson .....	13,232,906	-
<u>Alberta</u>		
Aden .....	1,709,489	-
Carway .....	2,166,943	-
Coutts .....	20	13,425
Total .....	3,876,452	13,425
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	25,736,238	-
Other United States -- Reste des États-Unis .....	4,638,393	-
Huntingdon .....	15,570,853	-
Total .....	45,945,484	-
<u>Canada</u>		
December -- Décembre 1969 .....	66,716,344	1,660,654
1968 .....	57,422,747	4,363,397
<u>Year to date -- Total cumulatif</u>		
1969 .....	680,109,395	34,935,563
1968 .....	604,443,221	81,554,075
<u>Value -- Valeur</u>		
1969 .....	\$ 179,216,476	17,186,514
1968 .....	\$ 155,234,878	37,173,443
December -- Décembre 1969 .....	\$ 17,518,034	740,144
December -- Décembre 1968 .....	\$ 14,489,304	2,008,224

(1) California, Nevada, Arizona, -- Californie.

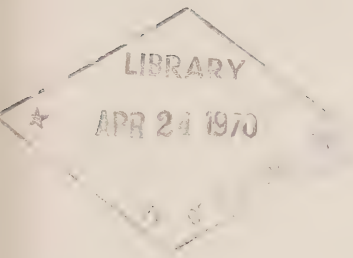




CATALOGUE No.

55-002

MONTHLY - MENSUEL



## GAS UTILITIES

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## SERVICES DE GAZ

JANUARY - 1970 - JANVIER

Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

April - 1970 - Avril  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 12—No. 1

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(1) Includes peak shaving and enrichment.

TABIEAU 1. Arrivages et utilisation du gaz naturel, par province

Janvier 1970

Alberta	British Columbia -- Colombie- Britannique	Canada	January 1969 -- Janvier		
			Canada		N <sup>o</sup>
Mcf. -- Mpc.					
				<u>Arrivages</u>	
				<u>Par réseau de transport</u>	1
11,922,355	418,431	12,340,786	10,645,974	Gisements .....	1a
98,316,911	25,420,834	123,737,745	103,471,100	Usines de traitement .....	1b
				<u>Par réseau de distribution</u>	2
16,461,902	57,205	21,246,736	23,820,924	Gisements .....	2a
13,414,384	118,038	15,633,026	15,626,284	Usines de traitement .....	2b
140,115,552	26,014,508	172,958,293	153,564,282	Total (1 + 2) .....	3
17,771	-	194,577	2,968,411	Importations .....	4
22,174	51	388,678	304,789	Arrivages(1) .....	5
140,155,497	26,014,559	173,541,548	156,837,482	Total des arrivages nets (3 + 4 + 5) .....	6
399,621	-	18,340,903	17,417,972	Gaz provenant des stocks .....	7
140,555,118	26,014,559	191,882,451	174,255,454	Total des arrivages de gaz (6 + 7) .....	9
				<u>Transferts de</u>	
-	34,254,281	...	...	Autres provinces .....	11
1,999,461	-	6,436,726	5,983,105	Distribution aux transports (primaire) .....	12
6,656,641	10,561,952	78,503,097	71,983,013	Autres services de gaz .....	13
149,211,220	70,830,792	276,822,274	252,221,572	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
				<u>Utilisation</u>	
				<u>Ventes</u>	
9,031,370	3,672,553	40,589,402	41,725,382	Domestique .....	20
7,734,547	2,426,881	27,765,400	26,478,302	Commercial .....	21
11,472,618	3,789,353	40,923,370	37,311,788	Industriel .....	22
28,238,535	9,888,787	109,278,172	105,515,472	Total des ventes (20 + 21 + 22) .....	30
3,826,639	47,018,317	67,248,736	58,033,790	Exportations .....	31
1,755,342	-	1,798,695	1,459,750	Autres livraisons .....	32
33,820,516	56,907,104	178,325,603	165,009,012	Total des livraisons nettes (30 + 31 + 32) .....	33
-	-	283,309	695,411	Livraison à l'entrepôt de stockage .....	34
75,886	- 17,377	328,645	- 647,899	Fluctuation du volume de gaz dans le réseau .....	35
1,165,670	2,308,933	8,579,814	7,388,026	Gaz consommé dans le réseau .....	36
1,207,042	1,070,180	4,365,080	1,810,904	Fuites et autres pertes .....	37
36,269,114	60,268,840	191,882,451	174,255,454	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
				<u>Transferts à</u>	
104,286,004	-	...	...	Autres provinces .....	40
4,692,847	10,324,370	64,241,071	53,908,468	Distribution par transports (primaire) .....	41
3,963,255	237,582	20,698,752	24,057,650	Autres services de gaz .....	42
149,211,220	70,830,792	276,822,274	252,221,572	Total de l'utilisation (39 + 40 + 41 + 42) .....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 2. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau- Brunswick	Québec	Ontario	Saskat- chewan
		Mcf. -- Mpc.			
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	14,469	16,082	1,512,754	3,184,324
2b	Processing plants .....	-	-	-	2,100,604
3	Total (1 + 2) .....	14,469	16,082	1,512,754	5,284,928
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	8,676	-
6	Total net receipts (3 + 4 + 5) .....	14,469	16,082	1,521,430	5,284,928
7	Received from storage .....	-	-	16,222,969	1,718,313
9	Total supply of gas utilities (6 + 7) .....	14,469	16,082	17,744,399	7,003,241
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	3,842,490
26	Manitoba .....	-	-	-	-
27	Ontario .....	-	-	17,696,893	-
28	Québec .....	-	16,082	-	-
29	New Brunswick .....	7,330	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	7,330	16,082	17,696,893	3,842,490
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	7,330	16,082	17,696,893	3,842,490
34	Delivered to storage .....	-	-	-	150,939
35	Line pack fluctuation .....	-	-	-	125,743
36	Gas used in system .....	-	-	5,203	1,397,278
37	Line losses and unaccounted for .....	7,139	-	42,303	1,486,791
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	14,469	16,082	17,744,399	7,003,241

(1) Includes peak shaving and enrichment.



TABLEAU 2. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia -- Colombie- Britannique	Imports from U.S.A. -- Importations des E.-U.	Total		
McF. -- Mpc.					1.0
				<u>Arrivages</u>	
				<u>Par réseaux de transport</u>	1
11,922,355	418,431	-	12,340,786	Gisements .....	1a
98,316,911	25,420,834	-	123,737,745	Usines de traitement .....	1b
				<u>Par réseaux de distribution</u>	2
16,461,902	57,205	-	21,246,736	Gisements .....	2a
13,414,384	118,038	-	15,633,026	Usines de traitement .....	2b
140,115,552	26,014,508	-	172,958,293	Total (1 + 2) .....	3
-	-	194,577	194,577	Importations .....	4
379,951	51	-	388,678	Autres arrivages(1) .....	5
140,495,503	26,014,559	194,577	173,541,548	Total des arrivages nets (3 + 4 + 5) .....	6
399,621	-	-	18,340,903	Gaz provenant des stocks .....	7
140,895,124	26,014,559	194,577	191,882,451	Total des arrivages de gaz (6 + 7) .....	9
				<u>Utilisation</u>	
				<u>Ventes</u>	
1,162,639	8,726,148	-	9,888,787	Colombie-Britannique .....	23
28,219,672	-	18,863	28,238,535	Alberta .....	24
5,792,969	-	-	9,635,459	Saskatchewan .....	25
6,660,011	-	-	6,660,011	Manitoba .....	26
31,384,602	-	176,806	49,258,301	Ontario .....	27
5,573,667	-	-	5,589,749	Québec .....	28
-	-	-	7,330	Nouveau-Brunswick .....	29
78,793,560	8,726,148	195,669	109,278,172	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	30
52,786,546	14,462,190	-	67,248,736	Exportations .....	31
1,798,695	-	-	1,798,695	Autres livraisons .....	32
133,378,801	23,188,338	195,669	178,325,603	Total des livraisons nettes (30 + 31 + 32) ....	33
132,370	-	-	283,309	Livraison à l'entrepôt de stockage .....	34
205,085	- 2,183	-	328,645	Fluctuation du volume de gaz dans le réseau .....	35
5,200,802	1,976,531	-	8,579,814	Gaz consommé dans le réseau .....	36
1,978,066	851,873	- 1,092	4,365,080	Fuites et autres pertes .....	37
140,895,124	26,014,559	194,577	191,882,451	Total de la demande de gaz (33 + 34 + 35 + 36 + 37) .....	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 3. Sales of Natural Gas

No.		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- Nomb.		Mcf. -- Mpc.	\$	Mcf. -- Mpc.	\$
	<u>Residential</u>			January - 1970 - Janvier			
1	New Brunswick .....	130	1,672	4,120	14,214	2.3	3.45
2	Quebec .....	109,060	205,835	2,673,568	3,841,578	13.0	1.44
3	Ontario .....	596,049	728,659	18,417,849	21,284,159	25.3	1.16
4	Manitoba .....	111,154	113,330	3,388,459	2,741,490	29.9	0.81
5	Saskatchewan .....	123,074	125,564	3,401,483	2,398,799	27.1	0.71
6	Alberta .....	273,767	275,489	9,031,370	4,392,777	32.7	0.49
7	British Columbia .....	185,735	212,034	3,672,553	4,515,734	17.3	1.22
8	Canada .....	1,398,969	1,662,583	40,589,402	39,188,751	24.4	0.96
	<u>Commercial</u>						
9	New Brunswick .....	54	54	3,210	6,672	59.4	2.08
10	Quebec .....	10,292	10,292	923,117	1,055,638	89.7	1.14
11	Ontario .....	68,885	68,885	12,271,531	10,679,620	178.1	0.87
12	Manitoba .....	10,958	10,958	2,464,405	1,588,372	224.9	0.64
13	Saskatchewan .....	17,356	17,356	1,941,709	1,091,415	111.9	0.56
14	Alberta .....	31,946	31,946	7,734,547	2,877,765	242.1	0.37
15	British Columbia .....	27,915	27,915	2,426,881	2,202,246	152.9	0.91
16	Canada .....	167,406	167,406	27,765,400	19,501,728	165.9	0.70
	<u>Industrial</u>						
17	New Brunswick .....	-	-	-	-	-	-
18	Quebec .....	2,000	2,000	1,993,064	1,392,874	997	0.70
19	Ontario .....	8,678	8,678	18,568,921	11,120,040	2,139	0.60
20	Manitoba .....	306	306	807,147	306,635	2,638	0.38
21	Saskatchewan .....	654	654	4,292,267	1,263,965	6,563	0.29
22	Alberta .....	511	511	11,472,618	2,157,262	22,451	0.19
23	British Columbia .....	345	345	3,789,353	1,601,792	10,984	0.42
24	Canada .....	12,494	12,494	40,923,370	17,842,568	3,275	0.43
25	Firm .....	11,816	11,816	34,106,324	14,333,448	...	...
26	Interruptible .....	678	678	6,817,046	3,509,120	...	...
	<u>Total sales</u>						
27	New Brunswick .....	1,726	1,726	7,330	20,886	4.2	2.85
28	Quebec .....	218,127	218,127	5,589,749	6,290,090	25.6	1.13
29	Ontario .....	806,222	806,222	49,258,301	43,083,819	61.1	0.87
30	Manitoba .....	124,594	124,594	6,660,011	4,636,497	53.5	0.70
31	Saskatchewan .....	143,574	143,574	9,635,459	4,754,179	67.1	0.49
32	Alberta .....	307,946	307,946	28,238,535	9,427,804	91.7	0.33
33	British Columbia .....	240,294	240,294	9,888,787	8,319,772	41.2	0.84
34	Canada .....	1,842,483	1,842,483	109,278,172	76,533,047	59.3	0.70

TABLE 4. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes
		No. -- Nomb.	Mcf. -- Mpc.	\$
1	Residential .....	11,005	45,649	84,866
2	Commercial .....	2,341	61,477	50,773
3	Industrial .....	7	278	1,007
4	Total .....	13,353	107,404	136,646

TABLEAU 3. Ventes de gaz naturel

Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes		No.
Space heating -- Chauffage d'habitation	Total				
No. -- Nomb.		Mcf. -- Mpc.	\$		
January - 1969 - Janvier				<u>Domestique</u>	
130	1,790	4,232	13,868	Nouveau-Brunswick .....	1
101,218	203,872	1,881,057	2,598,730	Québec .....	2
580,759	709,814	17,065,786	19,573,700	Ontario .....	3
104,633	106,979	3,447,766	2,769,697	Manitoba .....	4
116,464	121,275	4,078,367	2,656,732	Saskatchewan .....	5
262,709	264,106	10,623,654	4,962,888	Alberta .....	6
179,290	197,211	4,624,520	7,203,805	Colombie-Britannique .....	7
1,345,203	1,605,047	41,725,382	39,779,420	Canada .....	8
				<u>Commercial</u>	
	65	3,093	6,186	Nouveau-Brunswick .....	9
	10,370	904,840	1,028,765	Québec .....	10
	64,886	10,204,815	9,082,348	Ontario .....	11
	10,438	2,482,031	1,523,802	Manitoba .....	12
	16,792	2,015,736	1,086,559	Saskatchewan .....	13
	30,214	8,307,770	3,088,279	Alberta .....	14
	25,419	2,560,017	2,368,159	Colombie-Britannique .....	15
	158,184	26,478,302	18,184,098	Canada .....	16
				<u>Industriel</u>	
	2,277	2,092,963	1,461,573	Nouveau-Brunswick .....	17
	8,101	15,616,944	9,658,037	Québec .....	18
	294	957,806	317,540	Ontario .....	19
	613	4,481,702	1,183,334	Manitoba .....	20
	530	11,280,143	2,015,462	Saskatchewan .....	21
	231	2,882,230	1,020,457	Alberta .....	22
	12,046	37,311,788	15,656,403	Colombie-Britannique .....	23
				Canada .....	24
	11,436	33,303,275	13,859,067	Service continu .....	25
	610	4,008,513	1,797,336	Service qui peut être interrompu .....	26
				<u>Total des ventes</u>	
	1,855	7,325	20,054	Nouveau-Brunswick .....	27
	216,519	4,878,860	5,089,068	Québec .....	28
	782,801	42,887,545	38,314,085	Ontario .....	29
	117,711	6,887,603	4,611,039	Manitoba .....	30
	138,680	10,575,805	4,926,625	Saskatchewan .....	31
	294,850	30,211,567	10,066,629	Alberta .....	32
	222,861	10,066,767	10,592,421	Colombie-Britannique .....	33
	1,775,277	105,515,472	73,619,921	Canada .....	34

TABLEAU 4. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- Nomb.	Mcf. -- Mpc.	\$		
1,392	4,639	5,827	Domestique .....	1
471	9,491	11,182	Commercial .....	2
18	6,685	3,806	Industriel .....	3
1,881	20,815	20,815	Total .....	4

TABLE 5. Operating Statistics: Natural Gas Utilities  
TABLEAU 5. Statistiques d'exploitation: services de gaz naturel

	Natural gas system -- Réseaux de gaz naturel		Total natural gas utilities -- des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
January - 1970 - Janvier:			
Daily average -- Moyenne journalière .....	4,241,607	3,525,102	5,761,578
Maximum(1) -- Maximum(1) .....	4,458,299	...	...
Minimum(1) -- Minimum(1) .....	3,806,227	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	2,240,215	...	...
January - 1969 - Janvier:			
Daily average -- Moyenne journalière .....	3,611,041	3,403,715	5,345,294
Maximum(1) -- Maximum(1) .....	3,996,922	...	...
Minimum(1) -- Minimum(1) .....	3,330,349	...	...
Year to date - 1970 - Année à ce jour:			
Daily average -- Moyenne journalière .....	4,241,607	3,525,102	5,761,578
Maximum(1) -- Maximum(1) .....	4,458,299	...	...
Minimum(1) -- Minimum(1) .....	3,806,227	...	...
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	119,169,351	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,717	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	9,586,425	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	9,841,632	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	76,533,047	..
(1) Non-coincident. -- Ne coïncident pas.			

TABLE 6. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition  
TABLEAU 6. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas Gaz manufacturé	Liquefied petroleum gases Gaz de pétrole liquéfiés
Mcf. -- Mpc.		
Gas receipts -- Arrivages de gaz .....	25,261	119,588
Deliveries to ultimate customers -- Livraison pour consommation .....	20,815	107,404
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	623
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes.	4,446	11,561
Disposition - Total - de l'utilisation .....	25,261	119,588
Daily average sendout -- Livraison journalière moyenne .....	815	3,857
Revenues -- Recettes ..... \$	20,815	136,646

TABLE 7. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot  
TABLEAU 7. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential -- Domestique	Commercial	Industrial -- Industriel	Total
	Mcf. -- Mpc.			
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	5,004	3,899	-	8,903
Québec .....	2,719,727	938,099	2,027,678	5,685,504
Ontario .....	18,593,794	12,384,861	18,758,424	49,737,079
Manitoba .....	3,434,806	2,487,350	813,185	6,735,341
Saskatchewan .....	3,392,835	1,936,830	4,281,051	9,610,716
Alberta .....	9,502,380	8,165,874	11,949,330	29,617,584
British Columbia -- Colombie-Britannique .....	3,812,302	2,512,861	3,912,367	10,237,530
Canada .....	41,460,848	28,429,774	41,742,035	111,632,657

TABLE 8. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 8. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia -- Colombie- Britannique	Total	Year to date total -- Depuis le début de l'année
	Mcf. -- Mpc.						
Exports -- Exportations .....	292,962	2,462,317	13,820,743	3,913,614	49,223,614	67,713,250	67,713,250
Imports -- Importations .....	-	179,335	-	17,771	-	197,106	197,106

TABLE 9. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 9. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases -- Gaz de pétrole liquéfiés	Manufactured gas -- Gaz manufacturé
	Mcf. -- Mpc.	
Totals .....	79,662	9,596

TABLE 10. Exports and Imports to and from the United States  
TABLEAU 10. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port - - Province et bureau de douane	Exports - - Exportations	Imports - - Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	290,637	-
<u>Ontario</u>		
Cornwall .....	598,210	-
Niagara Falls .....	1,844,564	126,423
Ojibway .....	-	50,383
Total .....	2,442,774	176,806
<u>Manitoba</u>		
Emerson .....	13,670,369	-
<u>Alberta</u>		
Aden .....	1,764,432	-
Carway .....	2,062,187	-
Coutts .....	20	17,771
Total .....	3,826,639	17,771
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	27,106,770	-
Other United States -- Reste des États-Unis .....	4,565,507	-
Huntingdon .....	15,346,040	-
Total .....	47,018,317	-
<u>Canada</u>		
January -- Janvier 1970 .....	67,248,736	194,577
1969 .....	58,033,790	2,968,411
<u>Year to date -- Total cumulatif</u>		
1970 .....	67,248,736	194,577
1969 .....	58,033,790	2,968,411
<u>Value - - Valeur</u>		
1970 .....	17,759,735	87,390
1969 .....	15,009,321	1,666,822

(1) California, Nevada, Arizona. -- Californie.





## GAS UTILITIES

## SERVICES DE GAZ

FEBRUARY - 1970 - FÉVRIER

Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

May - 1970 - Mai  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 12—No. 2



#### NOTE TO USER

Definitions of terms and concepts are given in  
DBS annual publication Catalogue number 57-205.

#### AVIS À L'USAGER

La terminologie et les définitions figurent dans la  
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- ƒ nombres rectifiés.
- x confidentiel en vertu des dispositions de la Loi  
sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

No.		New Brunswick - Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
			Mcf. -- Mpc.			
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	13,401	13,643	1,462,132	-	2,908,657
2b	Processing plants .....	-	-	-	-	1,578,926
3	Total (1 + 2) .....	13,401	13,643	1,462,132	-	4,487,583
4	Imports .....	-	-	-	-	-
5	Other receipts(1) .....	-	-	6,121	261,476	-
6	Total net receipts (3 + 4 + 5) .....	13,401	13,643	1,468,253	261,476	4,487,583
7	Received from storage .....	-	-	12,527,623	-	955,703
9	Total supply of gas utilities (6 + 7) .....	13,401	13,643	13,995,876	261,476	5,443,286
	<u>Transfers from</u>					
11	Other provinces .....	-	5,049,199	41,368,409	60,550,079	65,627,672
12	Distribution to transport (primary) .....	-	-	-	-	3,969,172
13	Other gas utilities .....	-	4,479,525	41,354,251	5,774,469	4,332,287
19	Total gross receipts (9 + 11 + 12 + 13) .....	13,401	9,542,367	96,718,536	66,586,024	79,372,417
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	3,535	2,051,352	16,322,279	3,163,515	3,740,614
21	Commercial .....	3,234	864,702	11,220,920	2,342,868	2,057,337
22	Industrial .....	-	1,981,062	17,499,939	1,012,453	4,231,631
30	Total sales (20 + 21 + 22) .....	6,769	4,897,116	45,043,138	6,518,836	10,029,582
31	Exports .....	-	260,991	3,026,512	12,580,380	-
32	Other deliveries .....	-	21,227	2,996	-	41,739
33	Total net deliveries (30 + 31 + 32) .....	6,769	5,179,334	48,072,646	19,099,216	10,071,321
34	Delivered to storage .....	-	-	188,690	-	149,785
35	Line pack fluctuation .....	-	-	2,705,218	34,254	- 10,883
36	Gas used in system .....	-	21,310	189,182	686,391	1,365,190
37	Line losses and unaccounted for .....	6,632	- 137,802	- 840,650	- 376,715	- 1,054,534
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	13,401	5,062,842	50,315,086	19,443,146	10,520,879
	<u>Transfers to</u>					
40	Other provinces .....	-	-	5,049,199	41,368,409	60,550,079
41	Distribution by transport (primary) .....	-	4,471,186	31,176,832	5,774,469	4,332,287
42	Other gas utilities .....	-	8,339	10,177,419	-	3,969,172
49	Total disposition (39 + 40 + 41 + 42) .....	13,401	9,542,367	96,718,536	66,586,024	79,372,417

(1) Includes peak shaving and enrichment.

TABLEAU 1. Arrivages et utilisation du gaz naturel, par province

Alberta	British Columbia -- Colombie- Britannique	Canada			N <sup>o</sup>
		February 1970 -- Février	February 1969 -- Février		
		Mcf. -- Mpc.			
<u>Arrivages</u>					
<u>Par réseaux de transport</u>					
10,642,555	420,231	11,062,786	9,370,792	Gisements .....	1a
90,880,239	22,174,047	113,054,286	98,866,494	Usines de traitement .....	1b
<u>Par réseaux de distribution</u>					
12,867,972	41,957	17,307,762	17,581,205	Gisements .....	2a
10,687,390	76,798	12,343,114	13,267,644	Usines de traitement .....	2b
125,078,156	22,713,033	153,767,948	139,086,135	Total (1 + 2) .....	3
15,950	-	15,950	2,852,203	Importations .....	4
27,728	3,594	298,919	117,525	Autres arrivages(1) .....	5
125,121,834	22,716,627	154,082,817	142,055,863	Total des arrivages nets (3 + 4 + 5) .....	6
141,579	-	13,624,905	10,028,714	Gaz provenant des stocks .....	7
125,263,413	22,716,627	167,707,722	152,084,577	Total des arrivages de gaz (6 + 7) .....	9
<u>Transferts de</u>					
-	30,943,211	...	...	Autres provinces .....	11
1,429,796	-	5,398,968	5,504,292	Distribution aux transports (primaire) .....	12
6,017,621	8,647,716	70,605,869	64,050,999	Autres services de gaz .....	13
132,710,830	62,307,554	243,712,559	221,639,868	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
<u>Utilisation</u>					
<u>Ventes</u>					
8,007,212	2,885,809	36,174,316	35,851,699	Domestique .....	20
6,388,563	2,355,946	25,233,570	24,182,583	Commercial .....	21
10,012,447	3,610,348	38,347,880	35,327,155	Industriel .....	22
24,408,222	8,852,103	99,755,766	95,361,437	Total des ventes (20 + 21 + 22) .....	30
3,390,156	42,900,469	62,158,508	53,393,931	Exportations .....	31
1,535,904	-	1,601,866	1,585,935	Autres livraisons .....	32
29,334,282	51,752,572	163,516,140	150,341,303	Total des livraisons nettes (30 + 31 + 32) ....	33
-	-	338,475	1,054,029	Livraison à l'entrepôt de stockage .....	34
- 33,735	- 158,452	2,536,402	520,208	Fluctuation du volume de gaz dans le réseau .....	35
105,561	1,932,564	4,300,198	7,262,667	Gaz consommé dans le réseau .....	36
- 713,578	133,154	- 2,983,493	- 7,093,630	Fuites et autres pertes .....	37
28,692,530	53,659,838	167,707,722	152,084,577	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
<u>Transferts à</u>					
96,570,883	-	...	...	Autres provinces .....	40
2,092,834	8,493,055	56,340,663	49,457,245	Distribution par transports (primaire) .....	41
5,354,583	154,661	19,664,174	20,098,046	Autres services de gaz .....	42
132,710,830	62,307,554	243,712,559	221,639,868	Total de l'utilisation (39 + 40 + 41 + 42) ....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January -- Janvier	February -- Février	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	12,340,786	11,062,786					
1b	Processing plants .....	123,737,745	113,054,286					
2	<u>By distribution systems</u>							
2a	Fields .....	20,211,333	17,307,762					
2b	Processing plants .....	16,668,429	12,343,114					
3	Total (1 + 2) .....	172,958,293	153,767,948					
4	Imports .....	194,577	15,950					
5	Other receipts(1) .....	388,678	298,919					
6	Total net receipts (3 + 4 + 5).	173,541,548	154,082,817					
7	Received from storage .....	18,340,903	13,624,905					
9	Total supply of gas utilities (6 + 7).	191,882,451	167,707,722					
	<u>Transfers from</u>							
11	Other provinces .....	...	...					
12	Distribution to transport (primary).	6,436,726	5,398,968					
13	Other gas utilities .....	78,503,097	70,605,869					
19	Total gross receipts (9 + 11 + 12 + 13).	276,822,274	243,712,559					
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	40,589,402	36,174,316					
21	Commercial .....	27,765,400	25,233,570					
22	Industrial .....	40,923,370	38,347,880					
30	Total sales (20 + 21 + 22).	109,278,172	99,755,766					
31	Exports .....	67,248,736	62,158,508					
32	Other deliveries .....	1,798,695	1,601,866					
33	Total net deliveries (30 + 31 + 32).	178,325,603	163,516,140					
34	Delivered to storage .....	283,309	338,475					
35	Line pack fluctuation .....	328,645	2,536,402					
36	Gas used in system .....	8,579,814	4,300,198					
37	Line losses and unaccounted for.	4,365,080	2,983,493					
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	191,882,451	167,707,722					
	<u>Transfers to</u>							
40	Other provinces .....	...	...					
41	Distribution by transport (primary).	64,241,071	56,340,663					
42	Other gas utilities .....	20,698,752	19,664,174					
49	Total disposition (39 + 40 + 41 + 42).	276,822,274	243,712,559					

(1) Includes peak shaving and enrichment.



(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau- Brunswick	Québec	Ontario	Saskat- chewan
			Mcf. -- Mpc.		
	<u>February 1970</u>				
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	13,401	13,643	1,462,132	2,908,657
2b	Processing plants .....	-	-	-	1,578,926
3	Total (1 + 2) .....	13,401	13,643	1,462,132	4,487,583
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	6,121	-
6	Total net receipts (3 + 4 + 5) .....	13,401	13,643	1,468,253	4,487,583
7	Received from storage .....	-	-	12,527,623	955,703
9	Total supply of gas utilities (6 + 7) .....	13,401	13,643	13,995,876	5,443,286
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	4,993,928
26	Manitoba .....	-	-	-	-
27	Ontario .....	-	-	14,143,344	-
28	Québec .....	-	13,643	-	-
29	New Brunswick .....	6,769	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	6,769	13,643	14,143,344	4,993,928
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	6,769	13,643	14,143,344	4,993,928
34	Delivered to storage .....	-	-	-	149,785
35	Line pack fluctuation .....	-	-	-	- 10,883
36	Gas used in system .....	-	-	58,972	1,364,990
37	Line losses and unaccounted for .....	6,632	-	- 206,440	- 1,054,534
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	13,401	13,643	13,995,876	5,443,286

(1) Includes peak shaving and enrichment.

TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia - - Colombie- Britannique	Imports from U.S.A. - - Importations des É.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
				<u>Février 1970</u>	
				<u>Arrivages</u>	
				<u>Par réseaux de transport</u>	1
10,642,555	420,231	-	11,062,786	Cisements .....	1a
90,880,239	22,174,047	-	113,054,286	Usines de traitement .....	1b
				<u>Par réseaux de distribution</u>	2
12,867,972	41,957	-	17,307,762	Cisements .....	2a
10,687,390	76,798	-	12,343,114	Usines de traitement .....	2b
125,078,156	22,713,033	-	153,767,948	Total (1 + 2) .....	3
-	-	15,950	15,950	Importations .....	4
289,204	3,594	-	298,919	Autres arrivages(1) .....	5
125,367,360	22,716,627	15,950	154,082,817	Total des arrivages nets (3 + 4 + 5) .....	6
141,579	-	-	13,624,905	Gaz provenant des stocks .....	7
125,508,939	22,716,627	15,950	167,707,722	Total des arrivages de gaz (6 + 7) .....	9
				<u>Utilisation</u>	
				<u>Ventes</u>	
1,072,496	7,779,607	-	8,852,103	Colombie-Britannique .....	23
24,391,178	-	17,044	24,408,222	Alberta .....	24
5,035,654	-	-	10,029,582	Saskatchewan .....	25
6,518,836	-	-	6,518,836	Manitoba .....	26
30,899,794	-	-	45,043,138	Ontario .....	27
4,883,473	-	-	4,897,116	Québec .....	28
-	-	-	6,769	Nouveau-Brunswick .....	29
72,801,431	7,779,607	17,044	99,755,766	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
48,752,612	13,405,896	-	62,158,508	Exportations .....	31
1,601,866	-	-	1,601,866	Autres livraisons .....	32
123,155,909	21,185,503	17,044	163,516,140	Total des livraisons nettes (30 + 31 + 32) ....	33
188,690	-	-	338,475	Livraison à l'entrepôt de stockage .....	34
2,708,728	- 161,443	-	2,536,402	Fluctuation du volume de gaz dans le réseau .....	35
1,228,702	1,647,534	-	4,300,198	Gaz consommé dans le réseau .....	36
- 1,773,090	45,033	- 1,094	- 2,983,493	Fuites et autres pertes .....	37
125,508,939	22,716,627	15,950	167,707,722	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 4. Sales of Natural Gas

No.		February - 1970 - Février					
		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- nomb.	Mcf. -- Mpc.				
	<u>Residential</u>			\$			
1	New Brunswick .....	130	1,657	3,535	11,293	2.1	3.19
2	Quebec .....	109,337	206,015	2,051,352	2,941,484	10.0	1.43
3	Ontario .....	596,726	729,801	16,322,279	19,296,760	22.4	1.18
4	Manitoba .....	111,312	113,486	3,163,515	2,581,852	27.8	0.82
5	Saskatchewan .....	123,325	125,821	3,740,614	2,558,460	29.7	0.68
6	Alberta .....	274,882	277,086	8,007,212	3,975,034	28.8	0.50
7	British Columbia .....	186,935	212,660	2,885,809	3,467,666	13.6	1.19
8	Canada .....	1,402,647	1,666,526	36,174,316	34,832,549	21.7	0.96
	<u>Commercial</u>						
9	New Brunswick .....	54	3,234	6,780	59.8	2.10	
10	Quebec .....	10,315	864,702	994,688	83.8	1.15	
11	Ontario .....	69,064	11,220,920	9,788,177	162.4	0.87	
12	Manitoba .....	10,994	2,342,868	1,523,183	213.1	0.65	
13	Saskatchewan .....	17,422	2,057,337	1,144,212	118.1	0.56	
14	Alberta .....	31,653	6,388,563	2,401,253	201.8	0.38	
15	British Columbia .....	28,112	2,355,946	2,123,250	84.0	0.90	
16	Canada .....	167,614	25,233,570	17,981,543	150.2	0.71	
	<u>Industrial</u>						
17	New Brunswick .....	-	-	-	-	-	-
18	Quebec .....	2,028	1,981,062	1,357,585	977	0.69	
19	Ontario .....	8,686	17,499,939	11,033,304	2,014	0.63	
20	Manitoba .....	300	1,012,453	354,364	3,375	0.35	
21	Saskatchewan .....	658	4,231,631	1,269,537	6,431	0.30	
22	Alberta .....	505	10,012,447	1,849,230	19,826	0.18	
23	British Columbia .....	353	3,610,348	1,523,305	10,457	0.41	
24	Canada .....	12,530	38,347,880	17,387,325	3,067	0.45	
25	Firm .....	11,839	32,056,513	14,696,526	..	..	
26	Interruptible .....	691	6,291,367	2,690,799	..	..	
	<u>Total sales</u>						
27	New Brunswick .....	1,711	6,769	18,073	4.0	2.67	
28	Quebec .....	218,358	4,897,116	5,293,757	22.4	1.08	
29	Ontario .....	807,551	45,043,138	40,118,241	55.7	0.89	
30	Manitoba .....	124,780	6,518,836	4,459,399	52.2	0.68	
31	Saskatchewan .....	143,901	10,029,582	4,972,209	69.6	0.50	
32	Alberta .....	309,244	24,408,222	8,225,517	78.9	0.34	
33	British Columbia .....	241,125	8,852,103	7,114,221	37.2	0.79	
34	Canada .....	1,846,670	99,755,766	70,201,417	54.1	0.70	

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes
No.		No. -- nomb.	Mcf. -- Mpc.	\$
1	Residential .....	10,937	36,250	63,855
2	Commercial .....	2,338	58,486	30,420
3	Industrial .....	8	471	652
4	Total .....	13,283	95,207	94,927

TABLEAU 4. Ventes de gaz naturel

February - 1969 - Février					
Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes		
Space heating -- Chauffage d'habitation	Total				
No. -- nomb.		Mcf. -- Mpc.	\$		No
<u>Domestique</u>					
130	1,774	3,865	12,913	Nouveau-Brunswick .....	1
102,247	204,296	1,558,069	2,537,751	Québec .....	2
587,041	706,741	14,411,620	16,904,971	Ontario .....	3
105,097	107,456	3,038,042	2,467,539	Manitoba .....	4
118,924	121,330	3,863,499	2,647,323	Saskatchewan .....	5
261,866	264,213	9,620,573	4,603,812	Alberta .....	6
181,689	199,821	3,356,031	4,931,590	Colombie-Britannique .....	7
1,356,994	1,605,631	35,851,699	34,105,899	Canada .....	8
<u>Commercial</u>					
	66	2,559	5,392	Nouveau-Brunswick .....	9
	10,406	817,893	916,829	Québec .....	10
	64,974	9,068,728	7,977,760	Ontario .....	11
	10,465	2,206,868	1,434,681	Manitoba .....	12
	16,765	2,234,483	1,233,939	Saskatchewan .....	13
	30,253	7,230,607	2,745,126	Alberta .....	14
	25,792	2,621,445	2,378,980	Colombie-Britannique .....	15
	158,721	24,182,583	16,692,707	Canada .....	16
<u>Industriel</u>					
	-	-	-	Nouveau-Brunswick .....	17
	2,271	2,187,454	1,385,569	Québec .....	18
	8,139	14,094,037	8,688,152	Ontario .....	19
	297	829,144	318,339	Manitoba .....	20
	621	4,477,389	1,293,383	Saskatchewan .....	21
	526	9,792,990	1,755,740	Alberta .....	22
	247	3,946,141	1,302,459	Colombie-Britannique .....	23
	12,101	35,327,155	14,743,642	Canada .....	24
	11,542	31,146,021	13,050,196	Service continu .....	25
	559	4,181,134	1,693,446	Service qui peut être interrompu .....	26
<u>Total des ventes</u>					
	1,840	6,424	18,305	Nouveau-Brunswick .....	27
	216,973	4,563,416	4,840,149	Québec .....	28
	779,854	37,574,385	33,570,883	Ontario .....	29
	118,218	6,074,054	4,220,559	Manitoba .....	30
	138,716	10,575,371	5,174,645	Saskatchewan .....	31
	294,992	26,644,170	9,104,678	Alberta .....	32
	225,860	9,923,617	8,613,029	Colombie-Britannique .....	33
	1,776,453	95,361,437	65,542,248	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				No
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- nomb.	Mcf. -- Mpc.	\$		
1,370	5,356	6,764		
469	10,589	12,347	Domestique .....	1
21	6,948	4,030	Commercial .....	2
1,860	22,893	23,141	Industriel .....	3
			Total .....	4

TABLE 6. Operating Statistics: Natural Gas Utilities

TABLEAU 6. Statistiques d'exploitation: services de gaz naturel ,

	Natural gas system - - Réseaux de gaz naturel		Total natural gas utilities - - des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
February - 1970 - Février			
Daily average -- Moyenne journalière .....	4,232,113	3,562,706	5,851,951
Maximum(1) .....	4,523,516	...	...
Minimum(1) .....	3,979,415	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	2,215,606	...	...
February - 1969 - Février			
Daily average -- Moyenne journalière .....	3,673,256	3,405,766	5,406,976
Maximum(1) .....	4,008,770	...	...
Minimum(1) .....	3,533,811	...	...
Year to date - 1970 - Année à ce jour:			
Daily average -- Moyenne journalière .....	4,237,101	3,542,948	5,804,467
Maximum(1) .....	4,458,299	...	...
Minimum(1) .....	3,806,227	...	...
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	110,910,997	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,529	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	9,841,632	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	9,658,840	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	65,542,248	..

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition

TABLEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas - - Gaz manufacturé	Liquefied petroleum gases - - Gaz de pétrole liquéfiés
	Mcf. -- Mpc.	
Gas receipts -- Arrivages de gaz .....	26,317	96,366
Deliveries to ultimate customers -- Livraison pour consommation .....	22,893	95,207
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	1,360
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes .....	3,424	- 201
Disposition - Total - de l'utilisation .....	26,317	96,366
Daily average sendout -- Livraison journalière moyenne .....	939	3,442
Revenues -- Recettes ..... \$	23,141	94,927



TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

TABEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential - - Domestique	Commercial	Industrial - - Industriel	Total
	Mcf. -- Mpc.			
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	4,261	3,899	-	8,160
Québec .....	2,090,371	880,370	2,019,478	4,990,219
Ontario .....	16,434,213	11,283,075	17,668,747	45,386,035
Manitoba .....	3,214,903	2,382,880	1,024,928	6,622,711
Saskatchewan .....	3,734,757	2,054,170	4,224,828	10,013,755
Alberta .....	8,581,992	6,801,371	9,972,552	25,355,915
British Columbia -- Colombie-Britannique .....	3,012,195	2,458,359	3,761,953	9,232,507
Canada .....	37,072,692	25,864,124	38,672,486	101,609,302

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot

TABEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia - - Colombie- Britannique	Total	Year to date total - - Depuis le début de l'année
	Mcf. -- Mpc.						
Exports -- Exportations .....	263,862	3,058,292	12,731,345	3,452,619	45,302,896	64,809,014	134,522,264
Imports -- Importations .....	-	-	-	15,950	-	15,950	213,056

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot

TABEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases - - Gaz de pétrole liquéfiés	Manufactured gas - - Gaz manufacturé
	Mcf. -- Mpc.	
Total .....	70,188	10,536

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port -- Province et bureau de douane	Exports -- Exportations	Imports -- Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	260,991	-
<u>Ontario</u>		
Cornwall .....	503,949	-
Niagara Falls .....	2,522,563	-
Ojibway .....	-	-
Total .....	3,026,512	-
<u>Manitoba</u>		
Emerson .....	12,580,380	-
<u>Alberta</u>		
Aden .....	1,637,559	-
Carway .....	1,752,577	-
Coutts .....	20	15,950
Total .....	3,390,156	15,950
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	24,340,322	-
Other United States -- Reste des États-Unis .....	4,348,903	-
Huntingdon .....	14,211,244	-
Total .....	42,900,469	-
<u>Canada</u>		
February -- Février 1970 .....	62,158,508	15,950
1969 .....	53,393,931	2,852,203
<u>Year to date -- Total cumulatif</u>		
1970 .....	129,407,244	210,527
1969 .....	111,427,721	5,820,614
<u>Value -- Valeur</u>		
1970 .....	\$ 16,716,025	4,792
1969 .....	\$ 13,837,173	2,711,690

(1) California, Nevada, Arizona. -- Californie.







**GAS UTILITIES**

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**SERVICES DE GAZ**

**MARCH - 1970 - MARS**

Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

June - 1970 - Juin  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année



Vol. 12—No. 3





#### NOTE TO USER

Definitions of terms and concepts are given in  
DES annual publication Catalogue number 57-205.

#### SYMBOLS

The following standard symbols are used in  
Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed
- P preliminary figures.
- r revised figures.
- x confidential to meet secrecy requirements  
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#### AVIS À L'USAGER

La terminologie et les définitions figurent dans la  
publication annuelle du B.F.S. dont le numéro de catalogue est  
57-205.

#### SIGNES CONVENTIONNELS

Les signes conventionnels suivants sont employés  
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statistique:

- .. nombres indisponibles.
- ... n'ayant pas lieu de figurer.
- néant ou zéro.
- nombres infimes.
- P nombres provisoires.
- r nombres rectifiés.
- x confidentiel en vertu des dispositions de la Loi  
sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
		Mcf. -- Mpc.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	14,954	13,149	1,647,553	-	3,308,760
2b	Processing plants .....	-	-	-	-	1,811,482
3	Total (1 + 2) .....	14,954	13,149	1,647,553	-	5,120,242
4	Imports .....	-	-	513,909	-	-
5	Other receipts(1) .....	-	-	777	99,205	-
6	Total net receipts (3 + 4 + 5) .....	14,954	13,149	2,162,239	99,205	5,120,242
7	Received from storage .....	-	-	10,083,051	-	1,331,352
9	Total supply of gas utilities (6 + 7) .....	14,954	13,149	12,245,290	99,205	6,451,594
	<u>Transfers from</u>					
11	Other provinces .....	-	5,409,090	45,548,205	66,601,916	71,750,595
12	Distribution to transport (primary) .....	-	-	-	-	4,227,720
13	Other gas utilities .....	-	4,858,052	43,921,988	6,187,897	4,292,846
19	Total gross receipts (9 + 11 + 12 + 13) .....	14,954	10,280,291	101,715,483	72,889,018	86,722,755
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	2,974	1,822,628	16,544,726	2,756,168	2,999,405
21	Commercial .....	2,257	845,175	11,287,951	2,116,044	1,722,780
22	Industrial .....	-	2,439,982	18,111,566	1,366,409	4,558,971
30	Total sales (20 + 21 + 22) .....	5,231	5,107,785	45,944,243	6,238,621	9,281,156
31	Exports .....	-	286,646	3,541,386	13,812,446	-
32	Other deliveries .....	-	-	3,322	-	52,874
33	Total net deliveries (30 + 31 + 32) .....	5,231	5,394,431	49,488,951	20,051,067	9,334,030
34	Delivered to storage .....	-	-	155,286	-	81,928
35	Line pack fluctuation .....	-	-	9,307	158,492	37,193
36	Gas used in system .....	125	18,281	3,077,952	748,633	1,474,917
37	Line losses and unaccounted for .....	9,598	9,527	- 347,091	194,724	672,205
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	14,954	5,422,239	52,384,405	21,152,916	11,600,273
	<u>Transfers to</u>					
40	Other provinces .....	-	-	5,409,090	45,548,205	66,601,916
41	Distribution by transport (primary) .....	-	4,849,711	34,205,971	6,187,897	4,292,846
42	Other gas utilities .....	-	8,341	9,716,017	-	4,227,720
49	Total disposition (39 + 40 + 41 + 42) .....	14,954	10,280,291	101,715,483	72,889,018	86,722,755

(1) Includes peak shaving and enrichment.

TABLEAU 1. Arrivages et utilisation du gaz naturel, par province

Alberta	British Columbia - - Colombie- Britannique	Canada			N <sup>o</sup>
		March 1970 - - Mars	March 1969 - - Mars		
		Mcf. -- Mpc.			
<u>Arrivages</u>					
<u>Par réseaux de transport</u>					
11,723,419	442,945	12,166,364	10,004,935	Gisements .....	1a
99,376,846	24,013,245	123,390,091	106,477,068	Usines de traitement .....	1b
<u>Par réseaux de distribution</u>					
13,767,535	36,561	18,788,512	16,786,209	Gisements .....	2a
11,167,032	76,188	13,054,702	13,450,609	Usines de traitement .....	2b
136,034,832	24,568,939	167,399,669	146,718,821	Total (1 + 2) .....	3
12,660	-	526,569	4,201,424	Importations .....	4
10,774	3	110,759	121,651	Autres arrivages(1) .....	5
136,058,266	24,568,942	168,036,997	151,041,896	Total des arrivages nets (3 + 4 + 5) .....	6
103,992	-	11,518,395	6,752,190	Gaz provenant des stocks .....	7
136,162,258	24,568,942	179,555,392	157,794,086	Total des arrivages de gaz (6 + 7) .....	9
<u>Transferts de</u>					
-	33,514,934	...	...	Autres provinces .....	11
1,745,429	-	5,973,149	5,454,353	Distribution aux transports (primaire) .....	12
6,155,063	8,886,166	74,302,012	68,712,721	Autres services de gaz .....	13
144,062,750	66,970,042	259,830,553	231,961,160	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
<u>Utilisation</u>					
<u>Ventes</u>					
6,398,412	2,955,766	33,480,079	29,424,197	Domestique .....	20
5,830,941	2,010,677	23,815,825	20,187,396	Commercial .....	21
10,820,044	3,834,716	41,131,688	38,571,351	Industriel .....	22
23,049,397	8,801,159	98,427,592	88,182,944	Total des ventes (20 + 21 + 22) .....	30
3,633,597	46,627,189	67,901,264	56,607,382	Exportations .....	31
1,598,124	-	1,654,320	1,370,907	Autres livraisons .....	32
28,281,118	55,428,348	167,983,176	146,161,233	Total des livraisons nettes (30 + 31 + 32) ....	33
12,170	-	249,384	1,669,249	Livraison à l'entrepôt de stockage .....	34
70,478	180,207	455,677	41,319	Fluctuation du volume de gaz dans le réseau .....	35
1,184,144	2,038,881	8,542,933	7,989,697	Gaz consommé dans le réseau .....	36
1,348,819	436,440	2,324,222	1,932,588	Fuites et autres pertes .....	37
30,896,729	58,083,876	179,555,392	157,794,086	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
<u>Transferts à</u>					
105,265,529	-	...	...	Autres provinces .....	40
4,156,810	8,735,549	62,428,784	35,968,526	Distribution par transports (primaire) .....	41
3,743,682	150,617	17,846,377	38,198,548	Autres services de gaz .....	42
144,062,750	66,970,042	259,830,553	231,961,160	Total de l'utilisation (39 + 40 + 41 + 42) ....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January - Janvier	February - Février	March - Mars	April - Avril	May - Mai	June - Juin	July - Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	12,340,786	11,062,786	12,166,364				
1b	Processing plants .....	123,737,745	113,054,286	123,390,091				
2	<u>By distribution systems</u>							
2a	Fields .....	20,211,333	17,256,676 <sup>F</sup>	18,788,512				
2b	Processing plants .....	16,668,429	12,343,114	13,054,702				
3	Total (1 + 2) .....	172,958,293	153,716,862 <sup>F</sup>	167,399,669				
4	Imports .....	194,577	11,822 <sup>F</sup>	526,569				
5	Other receipts(1) .....	388,678	298,919	110,759				
6	Total net receipts (3 + 4 + 5).	173,541,548	154,027,603 <sup>F</sup>	168,036,997				
7	Received from storage .....	18,340,903	13,721,986	11,518,395				
9	Total supply of gas utilities (6 + 7).	191,882,451	167,749,589 <sup>F</sup>	179,555,392				
	<u>Transfers from</u>							
11	Other provinces .....	...	...	...				
12	Distribution to transport (primary).	6,436,726	5,398,968	5,973,149				
13	Other gas utilities .....	78,503,097	70,605,869	74,302,012				
19	Total gross receipts (9 + 11 + 12 + 13).	276,822,274	243,754,426 <sup>F</sup>	259,830,553				
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	40,589,402	35,923,711 <sup>F</sup>	33,480,079				
21	Commercial .....	27,765,400	25,151,780 <sup>F</sup>	23,815,825				
22	Industrial .....	40,923,370	39,171,798 <sup>F</sup>	41,131,688				
30	Total sales (20 + 21 + 22).	109,278,172	100,247,289 <sup>F</sup>	98,427,592				
31	Exports .....	67,248,736	62,158,508	67,901,264				
32	Other deliveries .....	1,798,695	1,601,866	1,654,320				
33	Total net deliveries (30 + 31 + 32).	178,325,603	164,007,663 <sup>F</sup>	167,983,176				
34	Delivered to storage .....	283,309	338,573	249,384				
35	Line pack fluctuation .....	328,645	2,536,402	455,677				
36	Gas used in system .....	8,579,814	4,346,602 <sup>F</sup>	8,542,933				
37	Line losses and unaccounted for.	4,365,080	3,479,651 <sup>F</sup>	2,324,222				
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	191,882,451	167,749,589 <sup>F</sup>	179,555,392				
	<u>Transfers to</u>							
40	Other provinces .....	...	...	...				
41	Distribution by transport (primary).	64,241,071	56,340,663	62,428,784				
42	Other gas utilities .....	20,698,752	19,664,174	17,846,377				
49	Total disposition (39 + 40 + 41 + 42).	276,822,274	243,754,426 <sup>F</sup>	259,830,553				

(1) Includes peak shaving and enrichment.

TABLEAU 2. Arrivages et utilisation du gaz naturel, par mois, Canada

August -- Août	September -- Septembre	October -- Octobre	November -- Novembre	December -- Décembre	Year to date -- Total cumulatif			N°
					1970	1969		
Mcf. -- Mpc.								
							<u>Arrivages</u>	
							<u>Par réseaux de transports</u>	1
					35,569,936	30,021,701	Cisements .....	1a
					360,182,122	308,814,662	Usines de traitement .....	1b
							<u>Par réseaux de distribution</u>	2
					56,256,521	58,188,338	Cisements .....	2a
					42,066,245	42,344,537	Usines de traitement .....	2b
					494,074,824	439,369,238	Total (1 + 2) .....	3
					732,968	10,022,038	Importations .....	4
					798,356	543,965	Autres arrivages(1) .....	5
					495,606,148	449,935,241	Total des arrivages nets (3 + 4 + 5).	6
					43,581,284	34,198,876	Gas provenant des stocks ....	7
					539,187,432	484,134,117	Total des arrivages de gaz (6 + 7).	9
					...	...	<u>Transferts de</u>	
					17,808,843	16,941,750	Autres provinces .....	11
					223,410,978	204,746,733	Distribution aux transports (primaire).	12
					780,407,253	705,822,600	Autres services de gaz ....	13
							Total des arrivages bruts (9 + 11 + 12 + 13).	19
							<u>Utilisation</u>	
							<u>Ventes</u>	
					109,993,192	107,001,278	Domestique .....	20
					76,733,005	70,848,281	Commercial .....	21
					121,226,856	111,210,294	Industriel .....	22
					307,953,053	289,059,853	Total des ventes (20 + 21 + 22).	30
					197,308,508	168,035,103	Exportations .....	31
					5,054,881	4,416,592	Autres livraisons .....	32
					510,316,442	461,511,548	Total des livraisons net- tes (30 + 31 + 32).	33
					871,266	3,418,689	Livraisons à l'entrepôt de stockage.	34
					3,320,724	- 86,372	Fluctuation du volume de gaz dans le réseau.	35
					21,469,349	22,640,390	Gaz consommé dans le réseau	36
					3,209,651	- 3,350,138	Fuites et autres pertes .....	37
					539,187,432	484,134,117	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
					...	...	<u>Transferts à</u>	
					183,010,518	139,334,239	Autres provinces .....	40
					58,209,303	82,354,244	Distribution par transports (primaire).	41
					780,407,253	705,822,600	Autres services de gaz ....	42
							Total de l'utilisation (39 + 40 + 41 + 42).	49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		Mcf. -- Mpc.			
		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Saskatchewan
	<u>March 1970</u>				
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	14,954	13,149	1,647,553	3,308,760
2b	Processing plants .....	-	-	-	1,811,482
3	Total (1 + 2) .....	14,954	13,149	1,647,553	5,120,242
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	777	-
6	Total net receipts (3 + 4 + 5) .....	14,954	13,149	1,648,330	5,120,242
7	Received from storage .....	-	-	10,083,051	1,331,352
9	Total supply of gas utilities (6 + 7) .....	14,954	13,149	11,731,381	6,451,594
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	4,185,451
26	Manitoba .....	-	-	-	-
27	Ontario .....	-	-	11,847,411	-
28	Québec .....	-	13,149	-	-
29	New Brunswick .....	5,231	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	5,231	13,149	11,847,411	4,185,451
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	5,231	13,149	11,847,411	4,185,451
34	Delivered to storage .....	-	-	-	81,928
35	Line pack fluctuation .....	-	-	-	37,193
36	Gas used in system .....	125	-	49,240	1,474,817
37	Line losses and unaccounted for .....	9,598	-	- 165,270	672,205
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	14,954	13,149	11,731,381	6,451,594

(1) Includes peak shaving and enrichment.



TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia -- Colombie- Britannique	Imports from U.S.A. -- Importations des É.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
Mars 1970					
Arrivages					
Par réseaux de transport					1
11,723,419	442,945	-	12,166,364	Gisements .....	1a
99,376,846	24,013,245	-	123,390,091	Usines de traitement .....	1b
Par réseaux de distribution					2
13,767,535	36,561	-	18,788,512	Gisements .....	2a
11,167,032	76,188	-	13,054,702	Usines de traitement .....	2b
136,034,832	24,568,939	-	167,399,669	Total (1 + 2) .....	3
-	-	526,569	526,569	Importations .....	4
109,979	3	-	110,759	Autres arrivages(1) .....	5
136,144,811	24,568,942	526,569	168,036,997	Total des arrivages nets (3 + 4 + 5) .....	6
103,992	-	-	11,518,395	Gaz provenant des stocks .....	7
136,248,803	24,568,942	526,569	179,555,392	Total des arrivages de gaz (6 + 7) .....	9
Utilisation					
Ventes					
1,171,560	7,629,599	-	8,801,159	Colombie-Britannique .....	23
23,036,646	-	12,751	23,049,397	Alberta .....	24
5,095,705	-	-	9,281,156	Saskatchewan .....	25
6,238,621	-	-	6,238,621	Manitoba .....	26
33,582,923	-	513,909	45,944,243	Ontario .....	27
5,094,636	-	-	5,107,785	Québec .....	28
-	-	-	5,231	Nouveau-Brunswick .....	29
74,220,091	7,629,599	526,660	98,427,592	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
53,141,947	14,759,317	-	67,901,264	Exportations .....	31
1,654,320	-	-	1,654,320	Autres livraisons .....	32
129,016,358	22,388,916	526,660	167,983,176	Total des livraisons nettes (30 + 31 + 32) ....	33
167,456	-	-	249,384	Livraison à l'entrepôt de stockage .....	34
244,057	174,427	-	455,677	Fluctuation du volume de gaz dans le réseau .....	35
5,315,194	1,703,557	-	8,542,933	Gaz consommé dans le réseau .....	36
1,505,738	302,042	- 91	2,324,222	Fuites et autres pertes .....	37
136,248,803	24,568,942	526,569	179,555,392	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 4. Sales of Natural Gas

No.		March - 1970 - Mars					
		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
	<u>Residential</u>						
1	New Brunswick .....	130	1,640	2,974	9,666	1.8	3.25
2	Quebec .....	109,692	205,958	1,822,628	2,627,640	8.8	1.44
3	Ontario .....	595,913	729,708	16,544,726	18,361,456	22.7	1.11
4	Manitoba .....	111,625	113,785	2,756,168	2,264,608	24.2	0.82
5	Saskatchewan .....	123,268	125,762	2,999,405	2,165,874	23.8	0.72
6	Alberta .....	275,243	276,914	6,398,412	3,394,219	23.1	0.53
7	British Columbia .....	186,495	213,657	2,955,766	3,674,249	13.8	1.24
8	Canada .....	1,402,366	1,667,424	33,480,079	32,497,712	20.1	0.97
	<u>Commercial</u>						
9	New Brunswick .....		54	2,257	5,446	41.8	2.41
10	Quebec .....		10,276	845,175	935,010	82.2	1.06
11	Ontario .....		69,231	11,287,951	9,880,559	163.0	0.88
12	Manitoba .....		11,020	2,116,044	1,386,167	192.0	0.66
13	Saskatchewan .....		17,405	1,722,780	978,003	98.9	0.55
14	Alberta .....		31,714	5,830,941	2,165,411	183.9	0.37
15	British Columbia .....		28,267	2,010,677	1,839,216	71.1	0.91
16	Canada .....		167,967	23,815,825	17,189,812	141.8	0.72
	<u>Industrial</u>						
17	New Brunswick .....		-	-	-	-	-
18	Quebec .....		2,010	2,439,982	1,486,054	1,214	0.61
19	Ontario .....		8,695	18,111,566	11,167,349	2,083	0.62
20	Manitoba .....		302	1,366,409	427,369	4,525	0.31
21	Saskatchewan .....		653	4,558,971	1,301,191	6,982	0.29
22	Alberta .....		570	10,820,044	2,020,828	18,982	0.19
23	British Columbia .....		358	3,834,716	1,627,410	10,711	0.42
24	Canada .....		12,588	41,131,688	18,030,201	3,268	0.44
25	Firm .....		11,889	33,048,371	14,531,888	..	..
26	Interruptible .....		699	8,083,317	3,498,313	..	..
	<u>Total sales</u>						
27	New Brunswick .....		1,694	5,231	15,112	3.1	2.89
28	Quebec .....		218,244	5,107,785	5,048,704	23.4	0.99
29	Ontario .....		807,634	45,944,243	39,409,364	56.9	0.86
30	Manitoba .....		125,107	6,238,621	4,078,144	49.9	0.65
31	Saskatchewan .....		143,820	9,281,156	4,445,068	64.5	0.48
32	Alberta .....		309,198	23,049,397	7,580,458	74.5	0.33
33	British Columbia .....		242,282	8,801,159	7,140,875	36.3	0.81
34	Canada .....		1,847,979	98,427,592	67,717,725	53.3	0.69

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes
		No. -- nomb.	Mcf. -- Mpc.	\$
1	Residential .....	10,913	37,496	67,798
2	Commercial .....	2,342	52,838	28,961
3	Industrial .....	7	406	543
4	Total .....	13,262	90,740	97,302

TABLEAU 4. Ventes de gaz naturel

March - 1969 - Mars					
Customers -- Clients		Gas sold - - Gaz vendu	Revenue - - Recettes		
Space heating - - Chauffage d'habitation	Total				
No. -- nomb.		Mcf. -- Mpc.	\$		No
<u>Domestique</u>					
130	1,756	2,763	9,789	Nouveau-Brunswick .....	1
103,345	205,024	1,662,995	2,714,859	Québec .....	2
580,695	708,686	12,928,417	15,310,929	Ontario .....	3
105,428	107,743	2,259,436	1,879,568	Manitoba .....	4
119,903	122,329	2,882,253	2,085,171	Saskatchewan .....	5
262,628	265,163	6,817,645	3,445,357	Alberta .....	6
199,263	199,244	2,870,688	4,760,540	Colombie-Britannique .....	7
1,371,392	1,609,945	29,424,197	30,206,213	Canada .....	8
<u>Commercial</u>					
	66	2,033	4,163	Nouveau-Brunswick .....	9
	10,427	717,472	842,571	Québec .....	10
	65,599	8,406,074	7,479,193	Ontario .....	11
	10,495	1,741,232	1,156,579	Manitoba .....	12
	16,970	1,570,476	894,223	Saskatchewan .....	13
	30,317	5,560,261	2,120,141	Alberta .....	14
	25,941	2,189,848	1,499,230	Colombie-Britannique .....	15
	159,815	20,187,396	13,996,100	Canada .....	16
<u>Industriel</u>					
	-	-	-	Nouveau-Brunswick .....	17
	2,204	2,361,182	1,461,665	Québec .....	18
	8,341	15,214,073	9,036,122	Ontario .....	19
	296	1,175,571	371,575	Manitoba .....	20
	627	4,109,860	1,176,888	Saskatchewan .....	21
	523	10,734,593	1,962,608	Alberta .....	22
	292	4,976,072	1,551,099	Colombie-Britannique .....	23
	12,283	38,571,351	15,559,957	Canada .....	24
	11,697	34,002,680	13,567,234	Service continu .....	25
	586	4,568,671	1,992,723	Service qui peut être interrompu .....	26
<u>Total des ventes</u>					
	1,822	4,796	13,952	Nouveau-Brunswick .....	27
	217,655	4,741,649	5,019,095	Québec .....	28
	782,626	36,548,564	31,826,244	Ontario .....	29
	118,534	5,176,239	3,407,722	Manitoba .....	30
	139,926	8,562,589	4,156,282	Saskatchewan .....	31
	296,003	23,112,499	7,528,106	Alberta .....	32
	225,477	10,036,608	7,810,869	Colombie-Britannique .....	33
	1,782,043	88,182,944	59,762,270	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				No
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- nomb.	Mcf. -- Mpc.	\$		
1,355	6,971	9,350	Domestique .....	1
468	9,718	11,942	Commercial .....	2
21	25,733	9,508	Industriel .....	3
1,844	42,422	30,800	Total .....	4

TABLE 6. Operating Statistics: Natural Gas Utilities

TABLEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system -- Réseaux de gaz naturel		Total natural gas utilities -- des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
March - 1970 - Mars:			
Daily average -- Moyenne journalière .....	4,204,195	3,174,399	5,429,398
Maximum(1) .....	4,466,829	...	...
Minimum(1) .....	3,790,122	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	2,161,732	...	...
March - 1969 - Mars:			
Daily average -- Moyenne journalière .....	3,318,096	3,076,175	4,883,720
Maximum(1) .....	3,979,814	...	...
Minimum(1) .....	3,225,948	...	...
Year to date - 1970 - Année à ce jour:			
Daily average -- Moyenne journalière .....	4,225,767	3,421,465	5,679,628
Maximum(1) .....	4,466,829	...	...
Minimum(1) .....	3,790,122	...	...
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	119,962,758	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,735	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	9,658,840	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	9,956,836	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	67,717,725	..

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition

TABLEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas -- Gaz manufacturé	Liquefied petroleum gases -- Gaz de pétrole liquéfiés
	Mcf. -- Mpc.	
Gas receipts -- Arrivages de gaz .....	42,451	99,089
Deliveries to ultimate customers -- Livraison pour consommation .....	42,422	90,740
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	248
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes .....	29	8,101
Disposition - Total - de l'utilisation .....	42,451	99,089
Daily average sendout -- Livraison journalière moyenne .....	1,369	3,193
Revenues -- Recettes ..... \$	30,800	97,302

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

TABEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential -- Domestique	Commercial	Industrial -- Industriel	Total
	Mcf. -- Mpc.			
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	3,600	2,731	-	6,331
Québec .....	1,844,600	856,074	2,470,850	5,171,524
Ontario .....	16,992,597	11,411,164	18,048,317	46,452,078
Manitoba .....	2,788,263	2,138,154	1,377,808	6,304,225
Saskatchewan .....	2,944,971	1,691,667	4,475,550	9,112,188
Alberta .....	6,672,955	6,122,620	11,087,704	23,883,279
British Columbia -- Colombie-Britannique .....	3,092,846	2,101,079	3,999,353	9,193,278
Canada .....	34,339,832	24,323,489	41,459,582	100,122,903

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot

TABEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia -- Colombie- Britannique	Total	Year to date total -- Depuis le début de l'année
	Mcf. -- Mpc.						
Exports -- Exportations .....	290,372	3,587,424	13,964,383	3,727,150	48,779,900	70,349,229	204,871,493
Imports -- Importations .....	-	514,229	-	12,660	-	526,889	735,817

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot

TABEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases -- Gaz de pétrole liquéfiés	Manufactured gas -- Gaz manufacturé
	Mcf. -- Mpc.	
Total .....	72,122	20,301

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port -- Province et bureau de douane	Exports -- Exportations	Imports -- Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	286,646	-
<u>Ontario</u>		
Cornwall .....	611,825	-
Niagara Falls .....	2,929,561	-
Ojibway .....	-	513,909
Total .....	3,541,386	513,909
<u>Manitoba</u>		
Emerson .....	13,812,446	-
<u>Alberta</u>		
Aden .....	1,562,597	-
Carway .....	2,070,980	-
Coutts .....	20	12,660
Total .....	3,633,597	12,660
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	26,033,807	-
Other United States -- Reste des États-Unis .....	4,810,927	-
Huntingdon .....	15,782,455	-
Total .....	46,627,189	-
<u>Canada</u>		
March -- Mars 1970 .....	67,901,264	526,569
1969 .....	56,607,382	4,201,424
<u>Year to date -- Total cumulatif</u>		
1970 .....	197,308,508	732,968
1969 .....	168,035,103	10,022,038
<u>Value -- Valeur</u>		
1970 .....	\$ 18,189,472	231,252
1969 .....	\$ 14,567,353	1,852,376

(1) California, Nevada, Arizona. -- Californie.





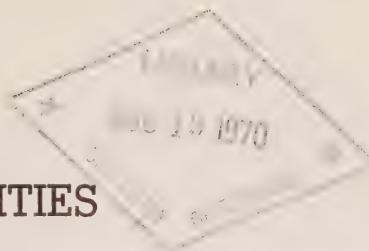


CATALOGUE No.

55-002

MONTHLY - MENSUEL

Gouvernement  
Publications



## GAS UTILITIES

## SERVICES DE GAZ

APRIL - 1970 - AVRIL

Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

July - 1970 - Juillet  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 12—No. 4

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  - nil or zero.
- amount too small to be expressed
- P preliminary figures.
- r revised figures.
- x confidential to meet secrecy requirements  
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- nombres infimes.
- P nombres provisoires.
- r nombres rectifiés.
- x confidentiel en vertu des dispositions de la Loi  
sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
			Mcf. -- Mpc.			
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	10,439	16,972	1,651,578	-	2,776,484
2b	Processing plants .....	-	-	-	-	1,788,985
3	Total (1 + 2) .....	10,439	16,972	1,651,578	-	4,565,469
4	Imports .....	-	-	989,671	-	-
5	Other receipts(1) .....	-	-	-	- 62,781	-
6	Total net receipts (3 + 4 + 5) .....	10,439	16,972	2,641,249	- 62,781	4,565,469
7	Received from storage .....	-	-	2,138,661	-	327,387
9	Total supply of gas utilities (6 + 7) .....	10,439	16,972	4,779,910	- 62,781	4,892,856
	<u>Transfers from</u>					
11	Other provinces .....	-	4,522,431	43,975,708	63,131,707	67,274,178
12	Distribution to transport (primary) .....	-	-	-	-	3,515,585
13	Other gas utilities .....	-	4,104,084	37,454,330	4,759,617	3,396,896
19	Total gross receipts (9 + 11 + 12 + 13) .....	10,439	8,643,487	86,209,948	67,828,543	79,079,515
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	3,834	1,083,731	11,591,326	2,187,915	2,530,642
21	Commercial .....	2,617	669,776	8,639,618	1,764,468	1,598,017
22	Industrial .....	-	2,660,900	20,026,093	1,791,709	4,545,686
30	Total sales (20 + 21 + 22) .....	6,451	4,414,407	40,257,037	5,744,092	8,674,345
31	Exports .....	-	228,809	3,671,504	13,367,753	-
32	Other deliveries .....	-	-	1,581	-	119,347
33	Total net deliveries (30 + 31 + 32) .....	6,451	4,643,216	43,930,122	19,111,845	8,793,692
34	Delivered to storage .....	-	-	2,991,554	-	287,763
35	Line pack fluctuation .....	-	-	- 15,747	251,376	- 32,646
36	Gas used in system .....	94	32,115	2,780,434	677,100	1,322,320
37	Line losses and unaccounted for .....	3,894	- 135,928	- 5,453,176	- 947,103	- 1,335,802
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	10,439	4,539,403	44,233,187	19,093,218	9,035,327
	<u>Transfers to</u>					
40	Other provinces .....	-	-	4,522,431	43,975,708	63,131,707
41	Distribution by transport (primary) .....	-	4,093,362	33,639,557	4,759,617	3,396,896
42	Other gas utilities .....	-	10,722	3,814,773	-	3,515,585
49	Total disposition (39 + 40 + 41 + 42) .....	10,439	8,643,487	86,209,948	67,828,543	79,079,515

(1) Includes peak shaving and enrichment.



TABLEAU 1. Arrivages et utilisation du gaz naturel, par province

Alberta	British Columbia - - Colombie- Britannique	Canada			N <sup>o</sup>
		<del>March</del> April 1970	<del>March</del> 1969		
		<del>March</del> April 1970	<del>March</del> 1969		
McF. -- Mpc.					
				Arrivages	
				Par réseaux de transport	1
10,046,464	457,463	10,503,927	8,746,434	Gisements .....	1a
94,088,795	22,380,017	116,468,812	101,216,676	Usines de traitement .....	1b
				Par réseaux de distribution	2
10,706,550	25,159	15,187,182	12,869,187	Gisements .....	2a
9,356,337	51,357	11,196,679	11,073,294	Usines de traitement .....	2b
124,198,146	22,913,996	153,356,600	133,905,591	Total (1 + 2) .....	3
9,793	-	999,464	4,254,464	Importations .....	4
9,644	10	- 53,127	122,631	Autres arrivages(1) .....	5
124,217,583	22,914,006	154,302,937	138,282,686	Total des arrivages nets (3 + 4 + 5) .....	6
23,977	-	2,490,025	1,118,968	Gaz provenant des stocks .....	7
124,241,560	22,914,006	156,792,962	139,401,654	Total des arrivages de gaz (6 + 7) .....	9
				Transferts de	
-	32,653,166	...	...	Autres provinces .....	11
1,723,616	-	5,239,201	4,695,065	Distribution aux transports (primaire) .....	12
3,935,744	7,812,890	61,463,561	59,257,520	Autres services de gaz .....	13
129,900,920	63,380,062	223,495,724	203,354,239	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
				Utilisation	
				Ventes	
5,920,657	2,239,411	25,557,516	22,155,613	Domestique .....	20
5,126,653	1,843,685	19,644,834	16,200,467	Commercial .....	21
9,585,305	3,587,715	42,197,408	37,971,837	Industriel .....	22
20,632,615	7,670,811	87,399,758	76,327,917	Total des ventes (20 + 21 + 22) .....	30
3,475,172	45,879,219	66,622,457	55,914,920	Exportations .....	31
50,537	-	171,465	384,612	Autres livraisons .....	32
24,158,324	53,550,030	154,193,680	132,627,449	Total des livraisons nettes (30 + 31 + 32) .....	33
533,702	-	3,813,019	8,325,838	Livraison à l'entrepôt de stockage .....	34
86,429	10,879	300,291	624,227	Fluctuation du volume de gaz dans le réseau .....	35
1,206,427	1,817,604	7,836,094	7,132,805	Gaz consommé dans le réseau .....	36
- 1,670,666	188,659	- 9,350,122	- 9,308,665	Fuites et autres pertes .....	37
24,314,216	55,567,172	156,792,962	139,401,654	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
				Transferts à	
99,927,344	-	...	...	Autres provinces .....	40
560,437	7,706,571	54,156,440	43,078,980	Distribution par transports (primaire) .....	41
5,098,923	106,319	12,546,322	20,873,605	Autres services de gaz .....	42
129,900,920	63,380,062	223,495,724	203,354,239	Total de l'utilisation (39 + 40 + 41 + 42) .....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January -- Janvier	February -- Février	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	By transport systems							
1a	Fields .....	12,340,786	11,062,786	12,166,364	10,503,927			
1b	Processing plants .....	123,737,745	113,054,286	123,390,091	116,468,812			
2	By distribution systems							
2a	Fields .....	20,211,333	17,256,676	18,788,512	15,187,182			
2b	Processing plants .....	16,668,429	12,343,114	13,054,702	11,196,679			
3	Total (1 + 2) .....	172,958,293	153,716,862	167,399,669	153,356,600			
4	Imports .....	194,577	11,822	526,569	999,464			
5	Other receipts(1) .....	388,678	298,919	110,759	- 53,127			
6	Total net receipts (3 + 4 + 5).	173,541,548	154,027,603	168,036,997	154,302,937			
7	Received from storage .....	18,340,903	13,721,986	11,518,395	2,490,025			
9	Total supply of gas utilities (6 + 7).	191,882,451	167,749,589	179,555,392	156,792,962			
	<u>Transfers from</u>							
11	Other provinces .....	...	...	...	...			
12	Distribution to transport (primary).	6,436,726	5,398,968	5,973,149	5,239,201			
13	Other gas utilities .....	78,503,097	70,605,869	74,302,012	61,463,561			
19	Total gross receipts (9 + 11 + 12 + 13).	276,822,274	243,754,426	259,830,553	223,495,724			
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	40,589,402	35,923,711	33,480,079	25,557,516			
21	Commercial .....	27,765,400	25,151,780	23,815,825	19,644,834			
22	Industrial .....	40,923,370	39,171,798	41,131,688	42,197,408			
30	Total sales (20 + 21 + 22).	109,278,172	100,247,289	98,427,592	87,399,758			
31	Exports .....	67,248,736	62,158,508	67,901,264	66,622,457			
32	Other deliveries .....	1,798,695	1,601,866	1,654,320	171,465			
33	Total net deliveries (30 + 31 + 32).	178,325,603	164,007,663	167,983,176	154,193,680			
34	Delivered to storage .....	283,309	338,573	249,384	3,813,019			
35	Line pack fluctuation .....	328,645	2,536,402	455,677	300,291			
36	Gas used in system .....	8,579,814	4,346,602	8,542,933	7,836,094			
37	Line losses and unaccounted for.	4,365,080	- 3,479,651	2,324,222	- 9,350,122			
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	191,882,451	167,749,589	179,555,392	156,792,962			
	<u>Transfers to</u>							
40	Other provinces .....	...	...	...	...			
41	Distribution by transport (primary).	64,241,071	56,340,663	62,428,784	54,156,440			
42	Other gas utilities .....	20,698,752	19,664,174	17,846,377	12,546,322			
49	Total disposition (39 + 40 + 41 + 42).	276,822,274	243,754,426	259,830,553	223,495,724			

(1) Includes peak shaving and enrichment.

TABLEAU 2. Arrivages et utilisation du gaz naturel, par mois, Canada

August -- Août	September -- Septembre	October -- Octobre	November -- Novembre	December -- Décembre	Year to date -- Total cumulatif			No
					1970	1969		
Mcf. -- Mpc.								
							<u>Arrivages</u>	
							<u>Par réseaux de transports</u>	1
					46,073,863	38,768,135	Gisements .....	1a
					476,650,934	410,031,338	Usines de traitement .....	1b
							<u>Par réseaux de distribution</u>	2
					71,443,703	70,498,583	Gisements .....	2a
					53,262,924	53,977,221	Usines de traitement .....	2b
					647,431,424	573,275,277	Total (1 + 2) .....	3
					1,732,432	14,276,502	Importations .....	4
					745,229	666,596	Autres arrivages(1) .....	5
					649,909,085	588,218,375	Total des arrivages nets (3 + 4 + 5).	6
					46,071,309	35,317,844	Gas provenant des stocks ....	7
					695,980,394	623,536,219	Total des arrivages de gaz (6 + 7).	9
							<u>Transferts de</u>	
					...	...	Autres provinces .....	11
					23,048,044	21,636,815	Distribution aux transports (primaire).	12
					284,874,539	264,004,253	Autres services de gaz ....	13
					1,003,902,977	909,177,287	Total des arrivages bruts (9 + 11 + 12 + 13).	19
							<u>Utilisation</u>	
							<u>Ventes</u>	
					135,550,708	129,156,891	Domestique .....	20
					96,377,839	149,182,131	Commercial .....	21
					163,424,264	87,048,748	Industriel .....	22
					395,352,811	365,387,770	Total des ventes (20 + 21 + 22).	30
					263,930,965	223,950,023	Exportations .....	31
					5,226,346	4,801,204	Autres livraisons .....	32
					664,510,122	594,138,997	Total des livraisons net- tes (30 + 31 + 32).	33
					4,684,285	11,744,527	Livraisons à l'entrepôt de stockage.	34
					3,621,015	537,855	Fluctuation du volume de gaz dans le réseau.	35
					29,305,443	29,773,195	Gas consommé dans le réseau	36
					- 6,140,471	- 12,658,355	Fuites et autres pertes .....	37
					695,980,394	623,536,219	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
							<u>Transferts à</u>	
					...	...	Autres provinces .....	40
					237,166,958	182,413,219	Distribution par transports (primaire).	41
					70,755,625	103,227,849	Autres services de gaz ....	42
					1,003,902,977	909,177,287	Total de l'utilisation (39 + 40 + 41 + 42).	49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Saskat- chewan
		Mcf. -- Mpc.			
	<u>April 1970</u>				
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	10,439	16,972	1,651,578	2,776,484
2b	Processing plants .....	-	-	-	1,788,985
3	Total (1 + 2) .....	10,439	16,972	1,651,578	4,565,469
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	-	-
6	Total net receipts (3 + 4 + 5) .....	10,439	16,972	1,651,578	4,565,469
7	Received from storage .....	-	-	2,138,661	327,387
9	Total supply of gas utilities (6 + 7) .....	10,439	16,972	3,790,239	4,892,856
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	4,651,321
26	Manitoba .....	-	-	-	-
27	Ontario .....	-	-	4,556,662	-
28	Québec .....	-	16,972	-	-
29	New Brunswick .....	6,451	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	6,451	16,972	4,556,662	4,651,321
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	6,451	16,972	4,556,662	4,651,321
34	Delivered to storage .....	-	-	-	287,763
35	Line pack fluctuation .....	-	-	-	- 32,646
36	Gas used in system .....	94	-	28,027	1,322,220
37	Line losses and unaccounted for .....	3,894	-	- 794,450	- 1,335,802
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	10,439	16,972	3,790,239	4,892,856

(1) Includes peak shaving and enrichment.

TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia -- Colombie- Britannique	Imports from U.S.A. -- Importations des É.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
				Avril 1970	
				<u>Arrivages</u>	
				<u>Par réseaux de transport</u>	1
10,046,464	457,463	-	10,503,927	Cisements .....	1a
94,088,795	22,380,017	-	116,468,812	Usines de traitement .....	1b
				<u>Par réseaux de distribution</u>	2
10,706,550	25,159	-	15,187,182	Cisements .....	2a
9,356,337	51,357	-	11,196,679	Usines de traitement .....	2b
124,198,146	22,913,996	-	153,356,600	Total (1 + 2) .....	3
-	-	999,464	999,464	Importations .....	4
- 53,137	10	-	- 53,127	Autres arrivages(1) .....	5
124,145,009	22,914,006	999,464	154,302,937	Total des arrivages nets (3 + 4 + 5) .....	6
23,977	-	-	2,490,025	Gaz provenant des stocks .....	7
124,168,986	22,914,006	999,464	156,792,962	Total des arrivages de gaz (6 + 7) .....	9
				<u>Utilisation</u>	
				<u>Ventes</u>	
897,430	6,773,381	-	7,670,811	Colombie-Britannique .....	23
20,622,117	-	10,498	20,632,615	Alberta .....	24
4,023,024	-	-	8,674,345	Saskatchewan .....	25
5,744,092	-	-	5,744,092	Manitoba .....	26
34,710,704	-	989,671	40,257,037	Ontario .....	27
4,397,435	-	-	4,414,407	Québec .....	28
-	-	-	6,451	Nouveau-Brunswick .....	29
70,394,802	6,773,381	1,000,169	87,399,758	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
52,250,713	14,371,744	-	66,622,457	Exportations .....	31
171,465	-	-	171,465	Autres livraisons .....	32
122,816,980	21,145,125	1,000,169	154,193,680	Total des livraisons nettes (30 + 31 + 32) ....	33
3,525,256	-	-	3,813,019	Livraison à l'entrepôt de stockage .....	34
336,051	- 3,114	-	300,291	Fluctuation du volume de gaz dans le réseau .....	35
4,980,327	1,505,426	-	7,836,094	Gaz consommé dans le réseau .....	36
- 7,489,628	266,569	- 705	- 9,350,122	Fuites et autres pertes .....	37
124,168,986	22,914,006	999,464	156,792,962	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.



TABLE 4. Sales of Natural Gas

No.		April - 1970 - Avril					
		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- nomb.		Mcf. -- Mpc.	\$	Mcf. -- Mpc.	\$
	<u>Residential</u>						
1	New Brunswick .....	130	1,629	3,834	13,637	2.4	3.56
2	Quebec .....	108,225	204,569	1,083,731	1,783,208	5.3	1.65
3	Ontario .....	595,546	730,381	11,591,326	12,903,310	15.9	1.11
4	Manitoba .....	111,746	113,529	2,187,915	1,835,768	19.3	0.84
5	Saskatchewan .....	120,541	125,522	2,530,642	1,894,394	20.2	0.75
6	Alberta .....	274,637	277,489	5,920,657	3,085,921	21.3	0.52
7	British Columbia .....	187,099	214,078	2,239,411	2,802,474	10.5	1.25
8	Canada .....	1,397,924	1,667,197	25,557,516	24,318,712	15.3	0.95
	<u>Commercial</u>						
9	New Brunswick .....	54	54	2,617	5,395	48.5	2.06
10	Quebec .....	10,232	10,232	669,776	772,224	65.5	1.15
11	Ontario .....	69,703	69,703	8,639,618	7,575,536	123.9	0.88
12	Manitoba .....	11,074	11,074	1,764,468	1,173,391	159.3	0.67
13	Saskatchewan .....	17,283	17,283	1,598,017	901,873	92.5	0.56
14	Alberta .....	31,714	31,714	5,126,653	1,945,052	161.7	0.38
15	British Columbia .....	28,288	28,288	1,843,685	1,696,809	65.2	0.92
16	Canada .....	168,348	168,348	19,644,834	14,070,280	116.7	0.72
	<u>Industrial</u>						
17	New Brunswick .....	-	-	-	-	-	-
18	Quebec .....	1,995	1,995	2,660,900	1,421,627	1,334	0.53
19	Ontario .....	8,695	8,695	20,026,093	10,983,200	2,303	0.55
20	Manitoba .....	316	316	1,791,709	544,651	5,670	0.30
21	Saskatchewan .....	658	658	4,545,686	1,298,580	6,908	0.29
22	Alberta .....	568	568	9,585,305	1,817,110	16,876	0.19
23	British Columbia .....	364	364	3,587,715	1,476,962	9,856	0.41
24	Canada .....	12,596	12,596	42,197,408	17,542,130	3,350	0.40
25	Firm .....	11,888	11,888	32,339,028	13,708,799	..	..
26	Interruptible .....	708	708	9,858,380	3,833,331	..	..
	<u>Total sales</u>						
27	New Brunswick .....	1,683	1,683	6,451	19,032	3.8	2.95
28	Quebec .....	216,796	216,796	4,414,407	3,977,059	20.4	0.91
29	Ontario .....	808,699	808,699	40,257,037	31,462,046	49.8	0.76
30	Manitoba .....	124,919	124,919	5,744,092	3,553,810	46.0	0.62
31	Saskatchewan .....	143,463	143,463	8,674,345	4,094,847	60.5	0.47
32	Alberta .....	309,771	309,771	20,632,615	6,848,083	66.6	0.33
33	British Columbia .....	242,730	242,730	7,670,811	5,976,245	31.6	0.78
34	Canada .....	1,848,141	1,848,141	87,399,758	55,931,122	47.3	0.64

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes
		No. -- nomb.	Mcf. -- Mpc.	\$
1	Residential .....	10,830	30,487	55,705
2	Commercial .....	2,351	48,530	25,835
3	Industrial .....	7	481	640
4	Total .....	13,188	79,498	82,180



TABLEAU 4. Ventes de gaz naturel

April - 1969 - Avril					
Customers -- Clients		Gas sold - - Gaz vendu	Revenue - - Recettes		No
Space heating - - Chauffage d'habitation	Total				
No. -- nomb.				Mcf. -- Mpc.	
<u>Domestique</u>					
130	1,743	3,842	12,603	Nouveau-Brunswick .....	1
102,252	202,702	1,092,553	2,001,039	Québec .....	2
577,250	707,293	10,072,089	12,138,092	Ontario .....	3
106,022	108,300	1,803,212	1,535,503	Manitoba .....	4
119,819	122,243	2,278,391	1,733,290	Saskatchewan .....	5
263,010	265,562	4,714,377	2,571,116	Alberta .....	6
181,003	199,082	2,191,149	3,442,048	Colombie-Britannique .....	7
1,349,486	1,606,925	22,155,613	23,433,691	Canada .....	8
<u>Commercial</u>					
	66	2,818	5,832	Nouveau-Brunswick .....	9
	10,383	533,431	598,326	Québec .....	10
	65,493	7,208,067	6,253,116	Ontario .....	11
	10,520	1,454,348	980,692	Manitoba .....	12
	16,971	1,349,325	780,758	Saskatchewan .....	13
	30,231	4,049,452	1,577,450	Alberta .....	14
	25,816	1,603,026	1,498,208	Colombie-Britannique .....	15
	159,480	16,200,467	11,694,382	Canada .....	16
<u>Industriel</u>					
	-	-	-	Nouveau-Brunswick .....	17
	2,157	2,608,514	1,368,066	Québec .....	18
	8,388	15,882,640	8,992,156	Ontario .....	19
	299	1,337,602	399,501	Manitoba .....	20
	631	3,708,109	1,087,152	Saskatchewan .....	21
	540	9,849,379	1,823,748	Alberta .....	22
	295	4,585,593	1,460,392	Colombie-Britannique .....	23
	12,310	37,971,837	15,131,015	Canada .....	24
	11,694	30,710,784	12,349,565	Service continu .....	25
	616	7,261,053	2,781,450	Service qui peut être interrompu .....	26
<u>Total des ventes</u>					
	1,809	6,660	18,435	Nouveau-Brunswick .....	27
	215,242	4,234,498	3,967,431	Québec .....	28
	781,174	33,162,796	27,383,364	Ontario .....	29
	119,119	4,595,162	2,915,696	Manitoba .....	30
	139,845	7,335,825	3,601,200	Saskatchewan .....	31
	296,333	18,613,208	5,972,314	Alberta .....	32
	225,193	8,379,768	6,400,648	Colombie-Britannique .....	33
	1,778,715	76,327,917	50,259,088	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				No
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- nomb.	Mcf. -- Mpc.	\$		
1,351	4,602	5,862		
460	9,742	11,514		
21	34,069	11,746		
1,832	48,413	29,122		
			Domestique .....	1
			Commercial .....	2
			Industriel .....	3
			Total .....	4

TABLE 6. Operating Statistics: Natural Gas Utilities  
TABLEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system -- Réseaux de gaz naturel		Total natural gas utilities -- des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
April - 1970 - Avril:			
Daily average -- Moyenne journalière .....	4,025,963	2,913,325	5,266,890
Maximum(1) .....	4,350,511	...	...
Minimum(1) .....	3,852,851	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	...	...	...
April - 1969 - Avril			
Daily average -- Moyenne journalière .....	3,299,797	2,544,264	4,498,443
Maximum(1) .....	3,919,269	...	...
Minimum(1) .....	3,195,683	...	...
Year to date - 1970 - Année à ce jour:			
Daily average -- Moyenne journalière .....	4,175,816	3,294,607	5,576,620
Maximum(1) .....	4,522,877	...	...
Minimum(1) .....	3,793,366	...	...
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	105,711,914	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,410	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	9,956,836	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	10,005,018	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	55,931,122	..

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition  
TABLEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured gas -- Gaz manufacturé	Liquefied petroleum gases -- Gaz de pétrole liquéfiés
	Mcf. -- Mpc.	
Gas receipts -- Arrivages de gaz .....	52,261	85,740
Deliveries to ultimate customers -- Livraison pour consommation .....	48,413	79,498
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	952
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes .....	3,848	5,290
Disposition - Total - de l'utilisation .....	52,261	85,740
Daily average sendout -- Livraison journalière moyenne .....	1,742	2,858
Revenues -- Recettes ..... \$	29,122	82,180

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

TABLEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential -- Domestique	Commercial	Industrial -- Industriel	Total
Mcf. -- Mpc.				
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	4,474	3,054	-	7,528
Québec .....	1,099,200	679,114	2,699,839	4,478,153
Ontario .....	11,654,468	8,678,664	20,200,054	40,533,186
Manitoba .....	2,206,772	1,780,260	1,804,165	5,791,197
Saskatchewan .....	2,369,997	1,496,720	4,255,043	8,121,760
Alberta .....	6,227,777	5,398,204	9,957,933	21,583,914
British Columbia -- Colombie-Britannique .....	3,156,141	1,931,556	2,936,839	8,024,536
Canada .....	26,718,829	19,967,572	41,853,873	88,540,274

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot

TABLEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia -- Colombie- Britannique	Total	Year to date total -- Depuis le début de l'année
Mcf. -- Mpc.							
Exports -- Exportations .....	232,470	3,730,248	13,554,902	3,540,047	48,021,601	69,079,268	273,950,761
Imports -- Importations .....	-	984,723	-	9,793	-	994,516	1,730,333

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot

TABLEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases -- Gaz de pétrole liquéfiés	Manufactured gas -- Gaz manufacturé
Mcf. -- Mpc.		
Total .....	58,817	23,428

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port -- Province et bureau de douane	Exports -- Exportations	Imports -- Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	228,809	-
<u>Ontario</u>		
Cornwall .....	535,230	-
Niagara Falls .....	3,136,274	-
Ojibway .....	-	989,671
Total .....	3,671,504	989,671
<u>Manitoba</u>		
Emerson .....	13,367,753	-
<u>Alberta</u>		
Aden .....	1,570,859	-
Carway .....	1,904,293	-
Coutts .....	20	9,793
Total .....	3,475,172	9,793
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	26,507,646	-
Other United States -- Reste des États-Unis .....	4,132,567	-
Huntingdon .....	15,239,006	-
Total .....	45,879,219	-
<u>Canada</u>		
April -- Avril 1970 .....	66,622,457	999,464
1969 .....	55,914,920	4,254,464
<u>Year to date -- Total cumulatif</u>		
1970 .....	263,930,965	1,732,432
1969 .....	223,950,023	14,276,502
<u>Value -- Valeur</u>		
1970 .....	\$ 17,788,846	764,727
1969 .....	\$ 14,689,479	1,888,097

(1) California, Nevada, Arizona. -- Californie.







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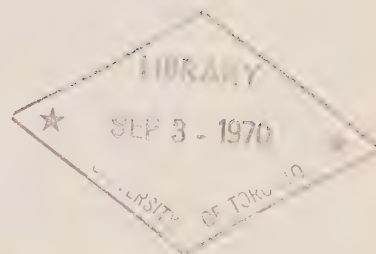
MONTHLY - MENSUEL



# GAS UTILITIES

## SERVICES DE GAZ

MAY - 1970 - MAI



Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

August - 1970 - Août  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 12—No. 5

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- amount too small to be expressed
- P preliminary figures.
- r revised figures.
- x confidential to meet secrecy requirements  
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- nombres infimes.
- P nombres provisoires.
- r nombres rectifiés.
- x confidentiel en vertu des dispositions de la Loi  
sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
		Mcf. -- Mpc.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	9,280	11,773	1,569,602	-	2,317,958
2b	Processing plants .....	-	-	-	-	1,950,753
3	Total (1 + 2) .....	9,280	11,773	1,569,602	-	4,268,711
4	Imports .....	-	-	1,638,819	-	-
5	Other receipts(1) .....	-	-	-	1,168	-
6	Total net receipts (3 + 4 + 5) .....	9,280	11,773	3,208,421	1,168	4,268,711
7	Received from storage .....	-	-	223,076	-	28,016
9	Total supply of gas utilities (6 + 7) .....	9,280	11,773	3,431,497	1,168	4,296,727
	<u>Transfers from</u>					
11	Other provinces .....	-	3,803,524	45,188,310	63,127,058	67,392,332
12	Distribution by transport (primary) .....	-	-	-	-	3,024,247
13	Other gas utilities .....	-	3,474,094	41,714,121	3,365,023	2,838,201
19	Total gross receipts (9 + 11 + 12 + 13) .....	9,280	7,289,391	90,333,928	66,493,249	77,551,507
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	2,547	579,975	5,916,413	1,342,734	1,553,264
21	Commercial .....	1,867	432,667	4,869,885	1,092,814	913,146
22	Industrial .....	-	2,844,924	18,873,203	1,550,614	3,962,562
30	Total sales (20 + 21 + 22) .....	4,414	3,857,566	29,659,501	3,986,162	6,428,972
31	Exports .....	-	177,771(2)	3,628,331	13,883,297	-
32	Other deliveries .....	-	-	522	-	269,263
33	Total net deliveries (30 + 31 + 32) .....	4,414	4,035,337	33,288,354	17,869,459	6,698,235
34	Delivered to storage .....	-	-	10,613,490	-	1,282,989
35	Line pack fluctuation .....	-	-	63,962	- 65,868	196,939
36	Gas used in system .....	-	78,354	2,762,746	680,605	1,324,816
37	Line losses and unaccounted for .....	4,866	- 298,394	- 1,912,269	- 544,280	- 940,978
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,280	3,815,297	44,816,283	17,939,916	8,562,001
	<u>Transfers to</u>					
40	Other provinces .....	-	-	3,803,524	45,188,310	63,127,058
41	Distribution by transport (primary) .....	-	3,464,383	35,442,133	3,365,023	2,838,202
42	Other gas utilities .....	-	9,711	6,271,988	-	3,024,246
49	Total disposition (39 + 40 + 41 + 42) .....	9,280	7,289,391	90,333,928	66,493,249	77,551,507

(1) Includes peak shaving and enrichment.

(2) Does not include 141,077 Mcf. of liquid natural gas exported by motor carrier. This amount was reported in May but was delivered in February and March 1970.

TABLEAU 1. Arrivages et utilisation du gaz naturel, par province

Alberta	British Columbia - - Colombie- Britannique	Canada			N <sup>o</sup>
		May 1970	May 1969		
		Mai	Mai		
Mcf. -- Mpc.					
Arrivages					
Par réseaux de transport					
10,375,813	456,924	10,832,737	5,640,328	Gisements .....	1a
91,232,916	19,857,397	111,090,313	90,026,446	Usines de traitement .....	1b
Par réseaux de distribution					
9,081,372	16,311	13,006,296	11,579,251	Gisements .....	2a
8,353,345	37,920	10,342,018	9,587,194	Usines de traitement .....	2b
119,043,446	20,368,552	145,271,364	116,833,219	Total (1 + 2) .....	3
5,106	-	1,643,925	4,101,579	Importations .....	4
2,517	-	3,685	9,088	Autres arrivages(1) .....	5
119,051,069	20,368,552	146,918,974	120,943,886	Total des arrivages nets (3 + 4 + 5) .....	6
22,312	-	273,404	3,365,083	Gaz provenant des stocks .....	7
119,073,381	20,368,552	147,192,378	124,308,969	Total des arrivages de gaz (6 + 7) .....	9
Transferts de					
-	29,699,160	---	---	Autres provinces .....	11
1,397,267	-	4,421,514	5,996,070	Distribution aux transports (primaire) .....	12
4,975,409	5,944,950	62,311,798	44,301,635	Autres services de gaz .....	13
125,446,057	56,012,662	213,925,690	174,606,674	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
Utilisation					
Ventes					
3,516,100	1,619,768	14,530,801	12,851,907	Domestique .....	20
3,136,980	1,463,413	11,910,772	10,121,068	Commercial .....	21
9,968,031	3,235,025	40,434,359	36,982,563	Industriel .....	22
16,621,111	6,318,206	66,875,932	59,955,538	Total des ventes (20 + 21 + 22) .....	30
3,732,850	42,529,471	63,951,720	55,620,280	Exportations .....	31
402,864	-	672,649	291,506	Autres livraisons .....	32
20,756,825	48,847,677	131,500,301	115,867,324	Total des livraisons nettes (30 + 31 + 32) ....	33
959,021	-	12,855,500	5,617,447	Livraison à l'entrepôt de stockage .....	34
- 54,128	87,527	228,432	- 124,837	Fluctuation du volume de gaz dans le réseau .....	35
1,122,243	1,351,094	7,319,858	4,947,209	Gaz consommé dans le réseau .....	36
- 802,072	- 218,586	- 4,711,713	- 1,998,174	Fuites et autres pertes .....	37
21,981,889	50,067,712	147,192,378	124,308,969	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
Transferts à					
97,091,492	-	---	---	Autres provinces .....	40
806,750	5,871,069	51,787,560	35,229,395	Distribution par transports (primaire) .....	41
5,565,926	73,881	14,945,752	15,068,310	Autres services de gaz .....	42
125,446,057	56,012,662	213,925,690	174,606,674	Total de l'utilisation (39 + 40 + 41 + 42) ....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

(2) N'inclus pas 141,077 Mpc de gaz naturel liquide exportés par camion-cylindre. Ce montant a été rapporté en mai mais a été livré en février et mars 1970.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January -- Janvier	February -- Février	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	12,340,786	11,062,786	12,166,364	10,503,927	10,832,737		
1b	Processing plants .....	123,737,745	113,054,286	123,390,091	116,468,812	111,090,313		
2	<u>By distribution systems</u>							
2a	Fields .....	21,246,736	17,256,676	18,728,665	15,187,182	13,006,296		
2b	Processing plants .....	15,633,026	12,343,114	13,054,702	11,196,679	10,342,018		
3	Total (1 + 2) .....	172,958,293	153,716,862	167,339,822	153,356,600	145,271,364		
4	Imports .....	194,577	11,822	526,569	999,464	1,643,925		
5	Other receipts(1) .....	388,678	298,919	110,759	- 53,127	3,685		
6	Total net receipts (3 + 4 + 5).	173,541,548	154,027,603	167,977,150	154,302,937	146,918,974		
7	Received from storage .....	18,340,903	13,721,986	10,181,781	2,490,025	273,404		
9	Total supply of gas utilities (6 + 7).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378		
	<u>Transfers from</u>							
11	Other provinces .....	...	...	...	...	...		
12	Distribution to transport (primary).	6,436,726	5,398,968	5,973,149	5,239,201	4,421,514		
13	Other gas utilities .....	78,503,097	70,605,869	74,302,012	61,463,561	62,311,798		
19	Total gross receipts (9 + 11 + 12 + 13).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690		
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	40,589,402	35,923,711	31,471,757	25,557,516	14,530,801		
21	Commercial .....	27,765,400	25,151,780	22,879,206	19,644,834	11,910,772		
22	Industrial .....	40,923,370	39,171,798	42,313,712	42,197,408	40,434,359		
30	Total sales (20 + 21 + 22).	109,278,172	100,247,289	96,664,675	87,399,758	66,875,932(2)		
31	Exports .....	67,248,736	62,158,508	67,901,264	66,639,064	63,951,720		
32	Other deliveries .....	1,798,695	1,601,866	1,654,320	171,465	672,649		
33	Total net deliveries (30 + 31 + 32).	178,325,603	164,007,663	166,220,259	154,210,287	131,500,301		
34	Delivered to storage .....	283,309	338,573	275,986	3,813,019	12,855,500		
35	Line pack fluctuation .....	328,645	2,536,402	455,677	300,291	228,432		
36	Gas used in system .....	8,579,814	4,346,602	8,582,933	7,836,094	7,319,858		
37	Line losses and unaccounted for.	4,365,080	- 3,479,651	2,624,076	- 9,366,729	- 4,711,713		
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378		
	<u>Transfers to</u>							
40	Other provinces .....	...	...	...	...	...		
41	Distribution by transport (primary).	64,241,071	56,340,663	62,428,784	54,156,440	51,787,560		
42	Other gas utilities .....	20,698,752	19,664,174	17,846,377	12,546,322	14,945,752		
49	Total disposition (39 + 40 + 41 + 42).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690		

(1) Includes peak shaving and enrichment.

(2) Does not include 141,077 Mcf. of liquid natural gas exported by motor carrier. This amount was reported in May but was delivered in February and March 1970.



TABLEAU 2. Arrivages et utilisation du gaz naturel, par mois, Canada

August -- Août	September -- Septembre	October -- Octobre	November -- Novembre	December -- Décembre	Year to date -- Total cumulatif			N°
					1970	1969		
							Mcf. -- Mpc.	
							<u>Arrivages</u>	
							<u>Par réseaux de transports</u>	1
					56,906,600	44,408,463	Gisements .....	1a
					587,741,247	500,057,784	Usines de traitement .....	1b
							<u>Par réseaux de distribution</u>	2
					85,425,555	82,077,834	Gisements .....	2a
					62,569,539	63,564,415	Usines de traitement .....	2b
					792,642,941	690,108,496	Total (1 + 2) .....	3
					3,376,357	18,378,081	Importations .....	4
					748,914	675,684	Autres arrivages(1) .....	5
					796,768,212	709,162,261	Total des arrivages nets (3 + 4 + 5).	6
					45,008,099	38,682,927	Gas provenant des stocks ....	7
					841,776,311	747,845,188	Total des arrivages de gaz (6 + 7).	9
							<u>Transferts de</u>	
					...	...	Autres provinces .....	11
					27,469,558	27,632,885	Distribution aux transports (primaire).	12
					347,186,337	308,305,888	Autres services de gaz ....	13
					1,216,432,206	1,083,783,961	Total des arrivages bruts (9 + 11 + 12 + 13).	19
							<u>Utilisation</u>	
							<u>Ventes</u>	
					148,073,187	142,008,798	Domestique .....	20
					107,351,992	97,169,816	Commercial .....	21
					205,040,647	186,164,694	Industriel .....	22
					460,465,826	425,343,308	Total des ventes (20 + 21 + 22).	30
					327,899,292	279,570,303	Exportations .....	31
					5,898,995	5,092,710	Autres livraisons .....	32
					794,264,113	710,006,321	Total des livraisons nettes (30 + 31 + 32).	33
					17,566,387	17,361,974	Livraisons à l'entrepôt de stockage.	34
					3,849,447	413,018	Fluctuation du volume de gaz dans le réseau.	35
					36,665,301	34,720,404	Gaz consommé dans le réseau	36
					- 10,568,937	- 14,656,529	Fuites et autres pertes .....	37
					841,776,311	747,845,188	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
							<u>Transferts à</u>	
					...	...	Autres provinces .....	40
					288,954,518	217,642,614	Distribution par transports (primaire).	41
					85,701,377	118,296,159	Autres services de gaz ....	42
					1,216,432,206	1,083,783,961	Total de l'utilisation (39 + 40 + 41 + 42).	49

(1) Comprend le nivelage des pointes et l'enrichissement.

(2) N'inclus pas 141,077 Mpc de gaz naturel liquide exportés par camion-cylindre. Ce montant a été rapporté en mai mais a été livré en février et mars 1970.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau- Brunswick	Québec	Ontario	Saskat- chewan
		Mcf. -- Mpc.			
	<u>May 1970</u>				
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	9,280	11,773	1,569,602	2,317,958
2b	Processing plants .....	-	-	-	1,950,753
3	Total (1 + 2) .....	9,280	11,773	1,569,602	4,268,711
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	-	-
6	Total net receipts (3 + 4 + 5) .....	9,280	11,773	1,569,602	4,268,711
7	Received from storage .....	-	-	223,076	28,016
9	Total supply of gas utilities (6 + 7) .....	9,280	11,773	1,792,678	4,296,727
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	2,432,981
26	Manitoba .....	-	-	-	-
27	Ontario .....	-	-	2,106,749	-
28	Québec .....	-	11,773	-	-
29	New Brunswick .....	4,414	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	4,414	11,773	2,106,749	2,432,981
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	4,414	11,773	2,106,749	2,432,981
34	Delivered to storage .....	-	-	-	1,282,989
35	Line pack fluctuation .....	-	-	-	196,939
36	Gas used in system .....	-	-	21,505	1,324,796
37	Line losses and unaccounted for .....	4,866	-	- 335,576	- 940,978
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,280	11,773	1,792,678	4,296,727

(1) Includes peak shaving and enrichment.

TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia -- Colombie- Britannique	Imports from U.S.A. -- Importations des É.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
<u>Mai 1970</u>					
<u>Arrivages</u>					
<u>Par réseaux de transport</u>					1
10,375,813	456,924	-	10,832,737	Gisements .....	1a
91,232,916	19,857,397	-	111,090,313	Usines de traitement .....	1b
<u>Par réseaux de distribution</u>					2
9,081,372	16,311	-	13,006,296	Gisements .....	2a
8,353,345	37,920	-	10,342,018	Usines de traitement .....	2b
119,043,446	20,368,552	-	145,271,364	Total (1 + 2) .....	3
-	-	1,643,925	1,643,925	Importations .....	4
3,685	-	-	3,685	Autres arrivages(1) .....	5
119,047,131	20,368,552	1,643,925	146,918,974	Total des arrivages nets (3 + 4 + 5) .....	6
22,312	-	-	273,404	Gaz provenant des stocks .....	7
119,069,443	20,368,552	1,643,925	147,192,378	Total des arrivages de gaz (6 + 7) .....	9
<u>Utilisation</u>					
<u>Ventes</u>					
833,127	5,485,079	-	6,318,206	Colombie-Britannique .....	23
16,615,862	-	5,249	16,621,111	Alberta .....	24
3,995,991	-	-	6,428,972	Saskatchewan .....	25
3,986,162	-	-	3,986,162	Manitoba .....	26
25,913,933	-	1,638,819	29,659,501	Ontario .....	27
3,845,793	-	-	3,857,566	Québec .....	28
-	-	-	4,414	Nouveau-Brunswick .....	29
55,190,868	5,485,079	1,644,068	66,875,932	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
50,030,135	13,921,585	-	63,951,720	Exportations .....	31
672,649	-	-	672,649	Autres livraisons .....	32
105,893,652	19,406,664	1,644,068	131,500,301	Total des livraisons nettes (30 + 31 + 32) ....	33
11,572,511	-	-	12,855,500	Livraison à l'entrepôt de stockage .....	34
- 37,523	69,016	-	228,432	Fluctuation du volume de gaz dans le réseau .....	35
4,885,039	1,088,518	-	7,319,858	Gaz consommé dans le réseau .....	36
- 3,244,236	- 195,646	- 143	- 4,711,713	Fuites et autres pertes .....	37
119,069,443	20,368,552	1,643,925	147,192,378	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 4. Sales of Natural Gas

No.		May - 1970 - Mai					
		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- nomb.		Mcf. -- Mpc.	\$	Mcf. -- Mpc.	\$
	<u>Residential</u>						
1	New Brunswick .....	130	1,608	2,547	8,425	1.6	3.31
2	Quebec .....	107,088	203,546	579,975	1,302,357	2.8	2.25
3	Ontario .....	590,037	732,743	5,916,413	7,351,475	8.1	1.24
4	Manitoba .....	111,896	113,981	1,342,734	1,195,948	11.8	0.89
5	Saskatchewan .....	120,332	125,305	1,553,264	1,324,901	12.4	0.85
6	Alberta .....	275,072	277,456	3,516,100	2,115,892	12.7	0.60
7	British Columbia .....	187,148	214,789	1,619,768	2,067,684	7.5	1.28
8	Canada .....	1,391,703	1,669,428	14,530,801	15,366,682	8.7	1.06
	<u>Commercial</u>						
9	New Brunswick .....		54	1,867	3,739	34.6	2.00
10	Quebec .....		10,157	432,667	521,542	42.6	1.21
11	Ontario .....		69,599	4,869,885	4,282,938	69.9	0.88
12	Manitoba .....		11,057	1,092,814	758,665	98.8	0.69
13	Saskatchewan .....		17,227	913,146	555,569	53.0	0.61
14	Alberta .....		31,388	3,136,980	1,216,460	99.9	0.39
15	British Columbia .....		27,801	1,463,413	1,360,059	52.6	0.93
16	Canada .....		167,283	11,910,772	8,698,972	71.2	0.73
	<u>Industrial</u>						
17	New Brunswick .....		-	-	-	-	-
18	Quebec .....		1,977	2,844,924	1,397,333	1,439	0.49
19	Ontario .....		8,677	18,873,203	9,736,150	2,175	0.52
20	Manitoba .....		322	1,550,614	466,068	4,816	0.30
21	Saskatchewan .....		655	3,962,562	1,063,278	6,050	0.27
22	Alberta .....		578	9,968,031	1,887,194	17,246	0.19
23	British Columbia .....		368	3,235,025	1,347,112	8,791	0.42
24	Canada .....		12,577	40,434,359	15,897,135	3,215	0.39
25	Firm .....		11,846	30,288,193	12,030,694	..	..
26	Interruptible .....		731	10,146,166	3,866,441	..	..
	<u>Total sales</u>						
27	New Brunswick .....		1,662	4,414	12,164	2.7	2.76
28	Quebec .....		215,680	3,857,566	3,221,232	17.9	0.84
29	Ontario .....		811,019	29,659,501	21,370,563	36.6	0.72
30	Manitoba .....		125,360	3,986,162	2,420,681	31.8	0.61
31	Saskatchewan .....		143,187	6,428,972	2,943,748	44.9	0.46
32	Alberta .....		309,422	16,621,111	5,219,546	53.7	0.31
33	British Columbia .....		242,958	6,318,206	4,774,855	26.0	0.76
34	Canada .....		1,849,288	66,875,932	39,962,789	36.2	0.60

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes
		No. -- nomb.	Mcf. -- Mpc.	\$
1	Residential .....	10,804	27,978	50,572
2	Commercial .....	2,330	42,427	20,183
3	Industrial .....	8	488	654
4	Total .....	13,142	70,893	71,409

TABLEAU 4. Ventes de gaz naturel

May - 1969 - Mai					
Customers -- Clients		Gas sold - - Gaz vendu	Revenue - - Recettes		
Space heating - - Chauffage d'habitation	Total				
No. -- nomb.		Mcf. -- Mpc.	\$		No
				<u>Domestique</u>	
130	1,724	2,833	9,679	Nouveau-Brunswick .....	1
104,286	207,600	567,888	1,120,442	Québec .....	2
574,308	709,443	6,065,105	7,554,605	Ontario .....	3
106,382	108,554	913,693	863,023	Manitoba .....	4
118,975	121,382	1,321,321	1,168,580	Saskatchewan .....	5
263,118	265,454	2,967,737	1,860,529	Alberta .....	6
182,698	199,794	1,013,330	1,562,617	Colombie-Britannique .....	7
1,349,797	1,613,951	12,851,907	14,139,475	Canada .....	8
				<u>Commercial</u>	
	70	1,784	3,771	Nouveau-Brunswick .....	9
	10,302	480,626	573,598	Québec .....	10
	65,788	4,570,257	4,099,601	Ontario .....	11
	10,511	684,370	492,424	Manitoba .....	12
	16,740	679,892	431,632	Saskatchewan .....	13
	29,991	2,587,192	1,069,198	Alberta .....	14
	25,663	1,116,947	1,061,061	Colombie-Britannique .....	15
	159,065	10,121,068	7,731,285	Canada .....	16
				<u>Industriel</u>	
	-	-	-	Nouveau-Brunswick .....	17
	2,064	3,102,704	1,505,403	Québec .....	18
	8,335	15,913,205	8,567,202	Ontario .....	19
	293	1,480,982	427,719	Manitoba .....	20
	627	3,314,516	954,296	Saskatchewan .....	21
	545	9,190,854	1,707,899	Alberta .....	22
	306	3,980,302	1,366,684	Colombie-Britannique .....	23
	12,170	36,982,563	14,529,203	Canada .....	24
	11,480	28,618,919	11,417,023	Service continu .....	25
	690	8,363,644	3,112,180	Service qui peut être interrompu .....	26
				<u>Total des ventes</u>	
	1,794	4,617	13,450	Nouveau-Brunswick .....	27
	219,966	4,151,218	3,199,443	Québec .....	28
	783,566	26,548,567	20,221,408	Ontario .....	29
	119,358	3,079,045	1,783,166	Manitoba .....	30
	138,749	5,315,729	2,554,508	Saskatchewan .....	31
	295,990	14,745,783	4,637,626	Alberta .....	32
	225,763	6,110,579	3,990,362	Colombie-Britannique .....	33
	1,785,186	59,955,538	36,399,963	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		No
No. -- nomb.	Mcf. -- Mpc.	\$		
1,328	7,624	10,112	Domestique .....	1
465	10,688	12,727	Commercial .....	2
21	32,714	11,383	Industriel .....	3
1,814	51,026	34,222	Total .....	4



TABLE 6. Operating Statistics: Natural Gas Utilities

TABLEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system -- Réseaux de gaz naturel		Total natural gas utilities -- des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
May - 1970 - Mai			
Daily average -- Moyenne journalière .....	3,733,525	2,157,284	4,656,639
Maximum(1) .....	4,203,051	...	...
Minimum(1) .....	3,358,140	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	2,798,629	...	...
May - 1969 - Mai			
Daily average -- Moyenne journalière .....	2,931,283	1,934,050	3,919,511
Maximum(1) .....	3,636,517	...	...
Minimum(1) .....	2,527,670	...	...
Year to date - 1970 - Année à ce jour:			
Daily average -- Moyenne journalière .....	4,085,125	3,049,443	5,376,361
Maximum(1) .....	4,522,877	...	...
Minimum(1) .....	3,358,140	...	...
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	104,498,587	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,382	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	10,005,018	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	10,339,159	..	..
Operating revenues -- Recettes d'exploitation ..... \$		39,962,789	

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition

TABLEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas -- Gaz manufacturé	Liquefied petroleum gases -- Gaz de pétrole liquéfiés
	Mcf. -- Mpc.	
Gas receipts -- Arrivages de gaz .....	49,360	69,985
Deliveries to ultimate customers -- Livraison pour consommation .....	51,026	70,893
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	447
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes .....	- 1,666	- 1,355
Disposition - Total - de l'utilisation .....	49,360	69,985
Daily average sendout -- Livraison journalière moyenne .....	1,645	2,333
Revenues -- Recettes ..... \$	34,222	71,409



TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

TABEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential -- Domestique	Commercial	Industrial -- Industriel	Total
	Mcf. -- Mpc.			
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	2,976	2,181	-	5,157
Québec .....	580,427	438,893	2,887,194	3,906,514
Ontario .....	6,021,463	4,959,984	19,221,442	30,202,889
Manitoba .....	1,374,453	1,118,897	1,581,287	4,074,637
Saskatchewan .....	1,549,274	910,820	3,952,207	6,412,301
Alberta .....	4,052,508	3,320,220	10,071,894	17,444,622
British Columbia -- Colombie-Britannique .....	1,697,190	1,533,826	3,379,683	6,610,699
Canada .....	15,278,291	12,284,821	41,093,707	68,656,819

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot

TABEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia -- Colombie- Britannique	Total	Year to date total -- Depuis le début de l'année
	Mcf. -- Mpc.						
Exports -- Exportations .....	181,326	3,700,898	14,202,613	3,800,791	44,575,781	66,461,409	340,412,170
Imports -- Importations .....	-	1,633,903	-	5,106	-	1,639,009	3,369,342

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot

TABEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases -- Gaz de pétrole liquéfiés	Manufactured gas -- Gaz manufacturé
	Mcf. -- Mpc.	
Total .....	50,478	24,533

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port - - Province et bureau de douane	Exports - - Exportations	Imports - - Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	177,771	-
<u>Ontario</u>		
Cornwall .....	451,785	-
Niagara Falls .....	3,176,546	-
Ojibway .....	-	1,638,819
Total .....	3,628,331	1,638,819
<u>Manitoba</u>		
Emerson .....	13,883,297	-
<u>Alberta</u>		
Aden .....	1,621,815	-
Carway .....	2,111,015	-
Coutts .....	20	5,106
Total .....	3,732,850	5,106
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	23,622,312	-
Other United States -- Reste des États-Unis .....	3,892,874	-
Huntingdon .....	15,014,285	-
Total .....	42,529,471	-
<u>Canada</u>		
May -- Mai 1970 .....	63,951,720	1,643,925
1969 .....	55,620,280	4,101,579
<u>Year to date -- Total cumulatif</u>		
1970 .....	327,899,292	3,376,357
1969 .....	279,570,303	18,378,081
<u>Value - - Valeur</u>		
1970 .....	\$ 17,395,469	756,397
1969 .....	\$ 14,341,976	1,789,917

(1) California, Nevada, Arizona. -- Californie.

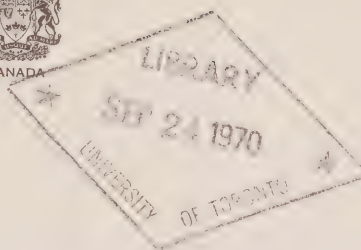




CATALOGUE No.

55-002

MONTHLY - MENSUEL



## GAS UTILITIES

## SERVICES DE GAZ

JUNE - 1970 - JUIN

Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

September - 1970 - Septembre  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 12—No. 6

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#### SYMBOLS

The following standard symbols are used in  
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- .. figures not available.
- ... figures not appropriate or not applicable.
  - nil or zero.
- amount too small to be expressed
- P preliminary figures.
- r revised figures.
- x confidential to meet secrecy requirements  
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- ... n'ayant pas lieu de figurer.
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- nombres infimes.
- P nombres provisoires.
- r nombres rectifiés.
- x confidentiel en vertu des dispositions de la Loi  
sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
		Mcf. -- Mpc.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	8,538	12,584	1,520,462	-	1,930,258
2b	Processing plants .....	-	-	-	-	1,922,035
3	Total (1 + 2) .....	8,538	12,584	1,520,462	-	3,852,293
4	Imports .....	-	-	1,595,370	-	-
5	Other receipts(1) .....	-	-	-	3,285	-
6	Total net receipts (3 + 4 + 5) .....	8,538	12,584	3,115,832	3,285	3,852,293
7	Received from storage .....	-	-	1,012,597	-	99,224
9	Total supply of gas utilities (6 + 7) .....	8,538	12,584	4,128,429	3,285	3,951,517
	<u>Transfers from</u>					
11	Other provinces .....	-	3,637,496	42,433,994	57,443,461	59,895,788
12	Distribution to transport (primary) .....	-	-	-	-	2,898,416
13	Other gas utilities .....	-	3,385,985	42,379,526	1,784,500	1,781,731
19	Total gross receipts (9 + 11 + 12 + 13) .....	8,538	7,036,065	88,941,949	59,231,246	68,527,452
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	2,474	259,894	3,854,559	674,195	952,052
21	Commercial .....	1,507	320,827	3,096,735	554,572	569,292
22	Industrial .....	-	2,694,696	17,501,699	1,283,628	3,849,244
30	Total sales (20 + 21 + 22) .....	3,981	3,275,417	24,452,993	2,512,395	5,370,588
31	Exports .....	-	135,222	3,383,829	13,089,304	-
32	Other deliveries .....	-	-	74	-	38,678
33	Total net deliveries (30 + 31 + 32) .....	3,981	3,410,639	27,836,896	15,601,699	5,409,266
34	Delivered to storage .....	-	-	14,421,867	-	1,210,636
35	Line pack fluctuation .....	-	-	- 68,758	- 608,831	- 231,011
36	Gas used in system .....	-	31,936	2,550,037	623,730	1,217,293
37	Line losses and unaccounted for .....	4,557	207,505	- 1,815,115	- 603,846	- 1,202,340
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,538	3,650,080	42,924,927	15,012,752	6,403,844
	<u>Transfers to</u>					
40	Other provinces .....	-	-	3,637,496	42,433,994	57,443,461
41	Distribution by transport (primary) .....	-	3,375,257	33,219,179	1,784,500	1,781,731
42	Other gas utilities .....	-	10,728	9,160,347	-	2,898,416
49	Total disposition (39 + 40 + 41 + 42) .....	8,538	7,036,065	88,941,949	59,231,246	68,527,452

(1) Includes peak shaving and enrichment.

TABLEAU 1. Arrivages et utilisation du gaz naturel, par province

Alberta	British Columbia - - Colombie- Britannique	Canada			N <sup>o</sup>
		June 1970 - - Juin	June 1969 - - Juin		
		Mcf. -- Mpc.			
<u>Arrivages</u>					
<u>Par réseaux de transport</u>					
8,910,361	198,164	9,108,525	5,360,711	Cisements .....	1a
84,517,727	17,003,053	101,520,780	78,021,578	Usines de traitement .....	1b
<u>Par réseaux de distribution</u>					
7,561,382	-	11,033,224	9,577,886	Cisements .....	2a
7,372,646	34,254	9,328,935	9,199,073	Usines de traitement .....	2b
108,362,116	17,235,471	130,991,464	102,159,248	Total (1 + 2) .....	3
3,019	-	1,598,389	3,169,159	Importations .....	4
4,276	-	7,561	13,265	Autres arrivages(1) .....	5
108,369,411	17,235,471	132,597,414	105,341,672	Total des arrivages nets (3 + 4 + 5) .....	6
23,749	-	1,135,570	1,827,260	Gaz provenant des stocks .....	7
108,393,160	17,235,471	133,732,984	107,168,932	Total des arrivages de gaz (6 + 7) .....	9
<u>Transferts de</u>					
-	28,629,047	...	...	Autres provinces .....	11
1,658,870	-	4,557,286	3,630,957	Distribution aux transports (primaire) .....	12
4,373,088	3,833,040	57,537,870	35,553,405	Autres services de gaz .....	13
114,425,118	49,697,558	195,828,140	146,353,294	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
<u>Utilisation</u>					
<u>Ventes</u>					
2,124,618	785,154	8,652,946	8,689,321	Domestique .....	20
1,794,416	967,884	7,305,233	6,753,980	Commercial .....	21
9,633,727	2,318,977	37,281,971	34,268,008	Industriel .....	22
13,552,761	4,072,015	53,240,150	49,711,309	Total des ventes (20 + 21 + 22) .....	30
3,459,659	40,969,750	61,037,764	50,397,312	Exportations .....	31
978,584	-	1,017,336	86,240	Autres livraisons .....	32
17,991,004	45,041,765	115,295,250	100,194,861	Total des livraisons nettes (30 + 31 + 32) .....	33
829,966	-	16,462,469	3,595,229	Livraison à l'entrepôt de stockage .....	34
37,936	- 107,552	- 978,216	810,472	Fluctuation du volume de gaz dans le réseau .....	35
1,005,889	1,034,839	6,463,724	3,244,000	Gaz consommé dans le réseau .....	36
3,530	- 104,534	- 3,510,243	- 675,630	Fuites et autres pertes .....	37
19,868,325	45,864,518	133,732,984	107,168,932	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
<u>Transferts à</u>					
88,524,835	-	...	...	Autres provinces .....	40
852,244	3,797,769	44,810,680	30,509,597	Distribution par transports (primaire) .....	41
5,179,714	35,271	17,284,476	8,674,765	Autres services de gaz .....	42
114,425,118	49,697,558	195,828,140	146,353,294	Total de l'utilisation (39 + 40 + 41 + 42) .....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January -- Janvier	February -- Février	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	12,340,786	11,062,786	12,166,364	10,503,927	10,832,737	9,108,525	
1b	Processing plants .....	123,737,745	113,054,286	123,390,091	116,468,812	111,090,313	101,520,780	
2	<u>By distribution systems</u>							
2a	Fields .....	21,246,736	17,256,676	18,728,665	15,187,182	13,006,296	11,033,224	
2b	Processing plants .....	15,633,026	12,343,114	13,054,702	11,196,679	10,342,018	9,328,935	
3	Total (1 + 2) .....	172,958,293	153,716,862	167,339,822	153,356,600	145,271,364	130,991,464	
4	Imports .....	194,577	11,822	526,569	999,464	1,643,925	1,598,389	
5	Other receipts(1) .....	388,678	298,919	110,759	- 53,127	3,685	7,561	
6	Total net receipts (3 + 4 + 5).	173,541,548	154,027,603	167,977,150	154,302,937	146,918,974	132,597,414	
7	Received from storage .....	18,340,903	13,721,986	10,181,781	2,490,025	273,404	1,135,570	
9	Total supply of gas utilities (6 + 7).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378	133,732,984	
	<u>Transfers from</u>							
11	Other provinces .....	...	...	...	...	...	...	
12	Distribution to transport (primary).	6,436,726	5,398,968	5,973,149	5,239,201	4,421,514	4,557,286	
13	Other gas utilities .....	78,503,097	70,605,869	74,302,012	61,463,561	62,311,798	57,537,870	
19	Total gross receipts (9 + 11 + 12 + 13).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690	195,828,140	
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	40,589,402	35,923,711	31,471,757	25,557,516	14,530,801	8,652,946	
21	Commercial .....	27,765,400	25,151,780	22,879,206	19,644,834	11,910,772	7,305,233	
22	Industrial .....	40,923,370	39,171,798	42,313,712	42,197,408	40,434,359	37,281,971	
30	Total sales (20 + 21 + 22).	109,278,172	100,247,289	96,664,675	87,399,758	66,875,932	53,240,150	
31	Exports .....	67,248,736	62,158,508	67,901,264	66,639,064	63,951,720	61,037,764	
32	Other deliveries .....	1,798,695	1,601,866	1,654,320	171,465	672,649	1,017,336	
33	Total net deliveries (30 + 31 + 32).	178,325,603	164,007,663	166,220,259	154,210,287	131,500,301	115,295,250	
34	Delivered to storage .....	283,309	338,573	275,986	3,813,019	12,855,500	16,462,469	
35	Line pack fluctuation .....	328,645	2,536,402	455,677	300,291	228,432	- 978,216	
36	Gas used in system .....	8,579,814	4,346,602	8,582,933	7,836,094	7,319,858	6,463,724	
37	Line losses and unaccounted for.	4,365,080	- 3,479,651	2,624,076	- 9,366,729	- 4,711,713	- 3,510,243	
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378	133,732,984	
	<u>Transfers to</u>							
40	Other provinces .....	...	...	...	...	...	...	
41	Distribution by transport (primary).	64,241,071	56,340,663	62,428,784	54,156,440	51,787,560	44,810,680	
42	Other gas utilities .....	20,698,752	19,664,174	17,846,377	12,546,322	14,945,752	17,284,476	
49	Total disposition (39 + 40 + 41 + 42).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690	195,828,140	

(1) Includes peak shaving and enrichment.

(2) Does not include 140,207 Mcf. liquid natural gas exported by motor carrier. This amount was reported in May but was delivered in February and March 1970.

TABLEAU 2. Arrivages et utilisation du gaz naturel, par mois, Canada

August - Août	September - Septembre	October - Octobre	November - Novembre	December - Décembre	Year to date - - Total cumulatif			Nº
					1970	1969		
			Mcf.	-- Mpc.				
							<u>Arrivages</u>	
							<u>Par réseaux de transports</u>	1
					66,015,125	49,769,174	Gisements .....	1a
					689,262,027	578,079,362	Usines de traitement .....	1b
							<u>Par réseaux de distribution</u>	2
					96,458,779	91,655,720	Gisements .....	2a
					71,898,474	72,763,488	Usines de traitement .....	2b
					923,634,405	792,267,744	Total (1 + 2) .....	3
					4,974,746	21,547,240	Importations .....	4
					756,475	688,949	Autres arrivages(1) .....	5
					929,365,626	814,503,933	Total des arrivages nets (3 + 4 + 5).	6
					46,143,669	40,510,187	Gas provenant des stocks ....	7
					975,509,295	855,014,120	Total des arrivages de gaz (6 + 7).	9
					...	...	<u>Transferts de</u>	
					32,026,844	31,263,842	Autres provinces .....	11
					404,724,207	343,859,293	Distribution aux transports (primaire). Autres services de gaz ....	12
					1,412,260,346	1,230,137,255	Total des arrivages bruts (9 + 11 + 12 + 13).	19
							<u>Utilisation</u>	
					156,726,133	150,698,119	<u>Ventes</u>	
					114,657,225	103,923,796	Domestique .....	20
					242,322,618	220,432,702	Commercial .....	21
							Industriel .....	22
					513,705,976	475,054,617	Total des ventes (20 + 21 + 22).	30
					388,937,056(2)	329,967,615	Exportations .....	31
					6,916,331	5,178,950	Autres livraisons .....	32
					909,559,363	810,201,182	Total des livraisons nettes (30 + 31 + 32).	33
					34,028,856	20,957,203	Livraisons à l'entrepôt de stockage. Fluctuation du volume de gaz dans le réseau.	34
					2,871,231	1,223,490	Gaz consommé dans le réseau	35
					43,129,025	37,964,404	Fuites et autres pertes .....	36
					- 14,079,180	- 15,332,159	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	37
					975,509,295	855,014,120		39
					...	...	<u>Transferts à</u>	
					333,765,198	248,152,211	Autres provinces .....	40
					102,985,853	126,970,924	Distribution par transports (primaire). Autres services de gaz ....	41
					1,412,260,346	1,230,137,255	Total de l'utilisation (39 + 40 + 41 + 42).	42

1) Comprend le nivelage des pointes et l'enrichissement.

(2) N'inclus pas 140,207<sup>1</sup> Mpc de gaz naturel liquide exportés par camion-cylindre. Ce montant a été rapporté en mai mais a été livré en février et mars 1970.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - Nouveau- Brunswick	Québec	Ontario	Saskat- chewan
		Mcf. -- Mpc.			
	<u>June 1970</u>				
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	8,538	12,584	1,520,462	1,930,258
2b	Processing plants .....	-	-	-	1,922,035
3	Total (1 + 2) .....	8,538	12,584	1,520,462	3,852,293
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	-	-
6	Total net receipts (3 + 4 + 5) .....	8,538	12,584	1,520,462	3,852,293
7	Received from storage .....	-	-	1,012,597	99,224
9	Total supply of gas utilities (6 + 7) .....	8,538	12,584	2,533,059	3,951,517
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	2,956,949
26	Manitoba .....	-	-	-	-
27	Ontario .....	-	-	2,447,397	-
28	Québec .....	-	12,584	-	-
29	New Brunswick .....	3,981	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	3,981	12,584	2,447,397	2,956,949
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	3,981	12,584	2,447,397	2,956,949
34	Delivered to storage .....	-	-	-	1,210,636
35	Line pack fluctuation .....	-	-	-	- 231,011
36	Gas used in system .....	-	-	1,519	1,217,283
37	Line losses and unaccounted for .....	4,557	-	84,143	- 1,202,340
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	8,538	12,584	2,533,059	3,951,517

(1) Includes peak shaving and enrichment.



TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia -- Colombie- Britannique	Imports from U.S.A. -- Importations des É.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
Juin 1970					
Arrivages					
Par réseaux de transport					
8,910,361	198,164	-	9,108,525	Cisements .....	1a
84,517,727	17,003,053	-	101,520,780	Usines de traitement .....	1b
Par réseaux de distribution					
7,561,382	-	-	11,033,224	Cisements .....	2a
7,372,646	34,254	-	9,328,935	Usines de traitement .....	2b
108,362,116	17,235,471	-	130,991,464	Total (1 + 2) .....	3
-	-	1,598,389	1,598,389	Importations .....	4
7,561	-	-	7,561	Autres arrivages(1) .....	5
108,369,677	17,235,471	1,598,389	132,597,414	Total des arrivages nets (3 + 4 + 5) .....	6
23,749	-	-	1,135,570	Gaz provenant des stocks .....	7
108,393,426	17,235,471	1,598,389	133,732,984	Total des arrivages de gaz (6 + 7) .....	9
Utilisation					
Ventes					
1,596,965	2,475,050	-	4,072,015	Colombie-Britannique .....	23
13,549,596	-	3,165	13,552,761	Alberta .....	24
2,413,639	-	-	5,370,588	Saskatchewan .....	25
2,512,395	-	-	2,512,395	Manitoba .....	26
20,410,226	-	1,595,370	24,452,993	Ontario .....	27
3,262,833	-	-	3,275,417	Québec .....	28
-	-	-	3,981	Nouveau-Brunswick .....	29
43,745,654	2,475,050	1,598,535	53,240,150	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
46,811,716	14,226,048	-	61,037,764	Exportations .....	31
1,017,336	-	-	1,017,336	Autres livraisons .....	32
91,574,706	16,701,098	1,598,535	115,295,250	Total des livraisons nettes (30 + 31 + 32) ....	33
15,251,833	-	-	16,462,469	Livraison à l'entrepôt de stockage .....	34
- 655,535	- 91,670	-	- 978,216	Fluctuation du volume de gaz dans le réseau .....	35
4,453,899	791,023	-	6,463,724	Gaz consommé dans le réseau .....	36
- 2,231,477	- 164,980	- 146	- 3,510,243	Fuites et autres pertes .....	37
108,393,426	17,235,471	1,598,389	133,732,984	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 4. Sales of Natural Gas

No.		June - 1970 - Juin					
		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- nomb.		Mcf. -- Mpc.	\$	Mcf. -- Mpc.	\$
	<u>Residential</u>						
1	New Brunswick .....	130	1,597	2,474	7,431	1.5	3.00
2	Quebec .....	105,678	201,588	259,894	567,221	1.3	2.18
3	Ontario .....	590,855	729,657	3,854,559	5,550,942	5.3	1.44
4	Manitoba .....	112,152	114,209	674,195	678,493	5.9	1.30
5	Saskatchewan .....	122,687	125,172	952,052	956,192	7.6	1.00
6	Alberta .....	274,810	277,251	2,124,618	1,500,638	7.7	0.71
7	British Columbia .....	186,494	215,251	785,154	1,025,716	3.6	1.31
8	Canada .....	1,392,806	1,664,725	8,652,946	10,286,633	5.2	1.19
	<u>Commercial</u>						
9	New Brunswick .....	54	1,507	1,507	3,244	27.9	2.15
10	Quebec .....	10,049	320,827	320,827	384,974	31.9	1.20
11	Ontario .....	69,432	3,096,735	3,096,735	2,830,662	44.6	0.91
12	Manitoba .....	11,087	554,572	554,572	406,802	50.0	0.73
13	Saskatchewan .....	17,188	569,292	569,292	362,584	33.1	0.63
14	Alberta .....	31,103	1,794,416	1,794,416	748,022	57.7	0.42
15	British Columbia .....	28,314	967,884	967,884	901,557	34.1	0.93
16	Canada .....	167,227	7,305,233	7,305,233	5,637,845	43.7	0.77
	<u>Industrial</u>						
17	New Brunswick .....	-	-	-	-	-	-
18	Quebec .....	1,954	2,694,696	2,694,696	1,285,825	1,379	0.48
19	Ontario .....	8,704	17,501,699	17,501,699	8,877,686	2,010	0.51
20	Manitoba .....	322	1,283,628	1,283,628	391,426	3,986	0.30
21	Saskatchewan .....	652	3,849,244	3,849,244	1,032,386	5,904	0.27
22	Alberta .....	986	9,633,727	9,633,727	1,822,896	9,771	0.19
23	British Columbia .....	373	2,318,977	2,318,977	995,486	6,217	0.43
24	Canada .....	12,991	37,281,971	37,281,971	14,405,705	2,870	0.39
25	Firm .....	12,283	27,808,728	27,808,728	10,917,324	..	..
26	Interruptible .....	708	9,473,243	9,473,243	3,488,381	..	..
	<u>Total sales</u>						
27	New Brunswick .....	1,651	3,981	3,981	10,675	2.4	2.68
28	Quebec .....	213,591	3,275,417	3,275,417	2,238,020	15.3	0.68
29	Ontario .....	807,793	24,452,993	24,452,993	17,259,290	30.3	0.71
30	Manitoba .....	125,618	2,512,395	2,512,395	1,476,721	20.2	0.59
31	Saskatchewan .....	143,012	5,370,588	5,370,588	2,351,162	37.6	0.44
32	Alberta .....	309,340	13,552,761	13,552,761	4,071,556	43.8	0.30
33	British Columbia .....	243,938	4,072,015	4,072,015	2,922,759	16.7	0.72
34	Canada .....	1,844,943	53,240,150	53,240,150	30,330,183	28.9	0.57

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients		Revenue -- Recettes
		No. -- nomb.	Mcf. -- Mpc.	
1	Residential .....	10,784	17,593	35,287
2	Commercial .....	2,321	35,861	17,963
3	Industrial .....	8	602	787
4	Total .....	13,113	54,056	54,037

TABLEAU 4. Ventes de gaz naturel

June - 1969 - Juin					
Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes		No
Space heating -- Chauffage d'habitation	Total				
No. -- nomb.		Mcf. -- Mpc.	\$		
				<u>Domestique</u>	
130	1,706	2,791	9,479	Nouveau-Brunswick .....	1
104,664	207,568	255,752	549,927	Québec .....	2
571,800	706,767	4,239,763	5,403,892	Ontario .....	3
106,656	108,925	688,007	690,729	Manitoba .....	4
119,241	121,653	788,843	841,478	Saskatchewan .....	5
261,421	265,031	1,833,702	1,366,325	Alberta .....	6
182,583	199,593	880,463	1,162,590	Colombie-Britannique .....	7
1,346,495	1,611,243	8,689,321	10,024,420	Canada .....	8
				<u>Commercial</u>	
	70	1,701	3,686	Nouveau-Brunswick .....	9
	10,499	357,727	435,790	Québec .....	10
	64,831	3,155,012	2,821,940	Ontario .....	11
	10,518	487,370	359,148	Manitoba .....	12
	16,751	517,934	341,553	Saskatchewan .....	13
	29,801	1,676,165	704,357	Alberta .....	14
	25,616	558,071	523,868	Colombie-Britannique .....	15
	158,086	6,753,980	5,190,342	Canada .....	16
				<u>Industriel</u>	
	-	-	-	Nouveau-Brunswick .....	17
	2,091	2,896,005	1,339,088	Québec .....	18
	8,258	14,566,337	7,609,492	Ontario .....	19
	301	1,193,860	353,911	Manitoba .....	20
	637	3,405,052	936,404	Saskatchewan .....	21
	834	8,988,519	1,656,337	Alberta .....	22
	307	3,218,235	1,271,259	Colombie-Britannique .....	23
	12,428	34,268,008	13,166,491	Canada .....	24
	11,816	26,600,673	10,179,410	Service continu .....	25
	612	7,667,335	2,987,081	Service qui peut être interrompu .....	26
				<u>Total des ventes</u>	
	1,776	4,492	13,165	Nouveau-Brunswick .....	27
	220,158	3,509,484	2,324,805	Québec .....	28
	779,856	21,961,112	15,835,324	Ontario .....	29
	119,744	2,369,237	1,403,788	Manitoba .....	30
	139,041	4,711,829	2,119,435	Saskatchewan .....	31
	295,666	12,498,386	3,727,019	Alberta .....	32
	225,516	4,656,769	2,957,717	Colombie-Britannique .....	33
	1,781,757	49,711,309	28,381,253	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				No
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- nomb.	Mcf. -- Mpc.	\$		
1,316	3,602	4,598	Domestique .....	1
463	8,705	10,586	Commercial .....	2
21	33,175	11,332	Industriel .....	3
1,800	45,482	26,516	Total .....	4

TABLE 6. Operating Statistics: Natural Gas Utilities

TABEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system - - Réseaux de gaz naturel		Total natural gas utilities - - des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
June - 1970 - Juin:			
Daily average -- Moyenne journalière .....	3,528,281	1,774,672	4,391,924
Maximum(1) .....	3,838,685	...	...
Minimum(1) .....	3,285,769	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	2,210,698	...	...
June - 1969 - Juin:			
Daily average -- Moyenne journalière .....	2,696,895	1,657,044	3,459,668
Maximum(1) .....	2,897,885	...	...
Minimum(1) .....	2,324,595	...	...
Year to date - 1970 - Année à ce jour:			
Daily average -- Moyenne journalière .....	3,992,830	2,838,155	5,213,195
Maximum(1) .....	4,522,877	..	..
Minimum(1) .....	3,285,769	..	..
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	98,666,305	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,249	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	10,339,159	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	9,930,776	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	30,287,716	..

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition

TABEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas - - Gaz manufacturé	Liquefied petroleum gases - - Gaz de pétrole liquéfiés
	Mcf. -- Mpc,	
Gas receipts -- Arrivages de gaz .....	48,545	57,285
Deliveries to ultimate customers -- Livraison pour consommation .....	45,482	54,056
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	89
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes .....	3,063	3,140
Disposition - Total - de l'utilisation .....	48,545	57,285
Daily average sendout -- Livraison journalière moyenne .....	1,618	1,913
Revenues -- Recettes ..... \$	26,516	54,039

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

TABEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential - - Domestique	Commercial	Industrial - - Industriel	Total
	Mcf. -- Mpc.			
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	2,935	1,788	-	4,723
Québec .....	265,013	327,256	2,750,158	3,342,427
Ontario .....	3,941,988	3,168,723	17,890,852	25,001,563
Manitoba .....	688,930	565,920	1,307,931	2,562,781
Saskatchewan .....	950,560	568,414	3,843,055	5,362,029
Alberta .....	2,224,682	1,892,049	10,049,691	14,166,422
British Columbia -- Colombie-Britannique .....	829,156	1,024,412	2,448,002	4,301,570
Canada .....	8,903,264	7,548,562	38,289,689	54,741,515

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot

TABEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia - - Colombie- Britannique	Total	Year to date total - - Depuis le début de l'année
	Mcf. -- Mpc.						
Exports -- Exportations .....	138,603	3,468,424	13,390,358	3,552,154	42,981,296	63,530,835	403,943,005
Imports -- Importations .....	-	1,585,798	-	3,019	-	1,588,817	4,958,159

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot

TABEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases - - Gaz de pétrole liquéfiés	Manufactured gas - - Gaz manufacturé
	Mcf. -- Mpc.	
Total .....	39,529	22,140

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port -- Province et bureau de douane	Exports -- Exportations	Imports -- Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	135,222	-
<u>Ontario</u>		
Cornwall .....	334,056	-
Niagara Falls .....	3,049,773	-
Ojibway .....	-	1,595,370
Total .....	3,383,829	1,595,370
<u>Manitoba</u>		
Emerson .....	13,089,304	-
<u>Alberta</u>		
Aden .....	1,439,230	-
Carway .....	2,020,409	-
Coutts .....	20	3,019
Total .....	3,459,659	3,019
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	23,718,144	-
Other United States -- Reste des États-Unis .....	2,907,341	-
Huntingdon .....	14,344,265	-
Total .....	40,969,750	-
<u>Canada</u>		
June -- Juin 1970 .....	61,037,764	1,598,389
1969 .....	50,397,312	3,169,159
<u>Year to date -- Total cumulatif</u>		
1970 .....	388,937,056	4,974,746
1969 .....	329,967,615	21,547,240
<u>Value -- Valeur</u>		
June -- Juin 1970 .....	\$ 61,866,782	704,601
June -- Juin 1969 .....	\$ 13,513,553	1,381,701

(1) California, Nevada, Arizona. -- Californie.







CATALOGUE No.

55-002

MONTHLY - MENSUEL



# GAS UTILITIES

## SERVICES DE GAZ

JULY - 1970 - JUILLET



Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

October - 1970 - Octobre  
6503.509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 12—No. 7

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- r revised figures.
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- r nombres rectifiés.
- x confidentiel en vertu des dispositions de la Loi  
sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

No.		New Brunswick -- Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
		Mcf. -- Mpc.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	8,600	9,565	1,287,740	-	1,000,797
2b	Processing plants .....	-	-	-	-	1,982,169
3	Total (1 + 2) .....	8,600	9,565	1,287,740	-	2,982,966
4	Imports .....	-	-	1,053,028	-	-
5	Other receipts(1) .....	-	-	-	1,246	-
6	Total net receipts (3 + 4 + 5) .....	8,600	9,565	2,340,768	1,246	2,982,966
7	Received from storage .....	-	-	531,952	-	-
9	Total supply of gas utilities (6 + 7) .....	8,600	9,565	2,872,720	1,246	2,982,966
	<u>Transfers from</u>					
11	Other provinces .....	-	3,196,254	41,718,257	56,965,413	59,614,858
12	Distribution by transport (primary) .....	-	-	-	-	2,726,112
13	Other gas utilities .....	-	2,947,768	45,245,277	1,532,236	1,173,955
19	Total gross receipts (9 + 11 + 12 + 13) .....	8,600	6,153,587	89,836,254	58,498,895	66,497,891
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	3,130	302,347	2,164,613	345,344	481,510
21	Commercial .....	1,542	300,845	2,258,222	276,286	160,960
22	Industrial .....	-	2,188,618	15,692,778	1,069,126	3,079,233
30	Total sales (20 + 21 + 22) .....	4,672	2,791,810	20,115,613	1,690,756	3,721,703
31	Exports .....	-	122,229	2,276,134	13,396,770	-
32	Other deliveries .....	-	-	21	-	46,528
33	Total net deliveries (30 + 31 + 32) .....	4,672	2,914,039	22,391,768	15,087,526	3,768,231
34	Delivered to storage .....	-	-	16,791,614	-	1,048,798
35	Line pack fluctuation .....	-	-	1,778	586,219	- 1,605
36	Gas used in system .....	-	34,009	2,445,690	- 432,389	1,123,159
37	Line losses and unaccounted for .....	3,928	257,771	- 236,127	7,046	- 306,172
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37). .....	8,600	3,205,819	41,394,723	15,248,402	5,632,411
	<u>Transfers to</u>					
40	Other provinces .....	-	-	3,196,254	41,718,257	56,965,413
41	Distribution by transport (primary) .....	-	2,939,555	34,027,395	1,532,236	1,173,955
42	Other gas utilities .....	-	8,213	11,217,882	-	2,726,112
49	Total disposition (39 + 40 + 41 + 42) .....	8,600	6,153,587	89,836,254	58,498,895	66,497,891

(1) Includes peak shaving and enrichment.



TABLEAU 1. Arrivages et utilisation du gaz naturel, par province

Alberta	British Columbia -- Colombie- Britannique	Canada			N <sup>o</sup>
		July 1970 -- Juillet	July 1969 -- Juillet		
		Mcf. -- Mpc.			
<u>Arrivages</u>					
<u>Par réseau de transport</u>					
8,128,528	336,171	8,464,699	6,621,742	Gisements .....	1a
86,088,748	17,354,408	103,443,156	80,668,595	Usines de traitement .....	1b
<u>Par réseau de distribution</u>					
6,394,963	-	8,701,665	7,750,514	Gisements .....	2a
7,752,203	31,831	9,766,203	9,010,091	Usines de traitement .....	2b
108,364,442	17,722,410	130,375,723	104,050,942	Total (1 + 2) .....	3
2,444	-	1,055,472	1,814,681	Importations .....	4
1,211	203,147	205,604	3,753	Arrivages(1) .....	5
108,368,097	17,925,557	131,636,799	105,869,376	Total des arrivages nets (3 + 4 + 5) .....	6
15,737	-	547,689	1,140,744	Gaz provenant des stocks .....	7
108,383,834	17,925,557	132,184,488	107,010,120	Total des arrivages de gaz (6 + 7) .....	9
<u>Transferts de</u>					
-	29,853,420	...	...	Autres provinces .....	11
1,487,202	-	4,213,314	3,666,566	Distribution aux transports (primaire) .....	12
4,763,064	4,992,850	60,655,150	44,277,427	Autres services de gaz .....	13
114,634,100	52,771,827	197,052,952	154,954,113	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
<u>Utilisation</u>					
<u>Ventes</u>					
1,502,993	565,564	5,365,501	5,679,942	Domestique .....	20
1,529,336	719,412	5,246,603	5,243,768	Commercial .....	21
9,398,696	3,606,299	35,034,750	33,012,130	Industriel .....	22
12,431,025	4,891,275	45,646,854	43,935,840	Total des ventes (20 + 21 + 22) .....	30
3,397,373	41,485,735	60,678,241	51,847,472	Exportations .....	31
837,944	-	884,493	143,241	Autres livraisons .....	32
16,666,342	46,377,010	107,209,588	95,926,553	Total des livraisons nettes (30 + 31 + 32) .....	33
894,306	-	18,734,718	8,142,586	Livraison à l'entrepôt de stockage .....	34
- 151,142	52,888	488,138	- 616,979	Fluctuation du volume de gaz dans le réseau .....	35
974,703	1,180,554	5,325,726	3,073,036	Gaz consommé dans le réseau .....	36
531,347	168,525	426,318	484,924	Fuites et autres pertes .....	37
18,915,556	47,778,977	132,184,488	107,010,120	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
<u>Transferts à</u>					
89,468,278	-	...	...	Autres provinces .....	40
1,068,941	4,964,051	45,706,133	34,638,679	Distribution par transports (primaire) .....	41
5,181,325	28,799	19,162,331	13,305,314	Autres services de gaz .....	42
114,634,100	52,771,827	197,052,952	154,954,113	Total de l'utilisation (39 + 40 + 41 + 42) .....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January -- Janvier	February -- Février	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	12,340,786	11,062,786	12,166,364	10,503,927	10,832,737	9,108,525	8,464,699
1b	Processing plants .....	123,737,745	113,054,286	123,390,091	116,468,812	111,090,313	101,520,780	103,443,156
2	<u>By distribution systems</u>							
2a	Fields .....	21,246,736	17,256,676	18,728,665	15,187,182	13,006,296	11,033,224	8,701,665
2b	Processing plants .....	15,633,026	12,343,114	13,054,702	11,196,679	10,342,018	9,328,935	9,766,203
3	Total (1 + 2) .....	172,958,293	153,716,862	167,339,822	153,356,600	145,271,364	130,991,464	130,375,723
4	Imports .....	194,577	11,822	526,569	999,464	1,643,925	1,598,389	1,055,472
5	Other receipts(1) .....	388,678	298,919	110,759	- 53,127	3,685	7,561	205,604
6	Total net receipts (3 + 4 + 5).	173,541,548	154,027,603	167,977,150	154,302,937	146,918,974	132,597,414	131,636,799
7	Received from storage .....	18,340,903	13,721,986	10,181,781	2,490,025	273,404	1,135,570	547,689
9	Total supply of gas utilities (6 + 7).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378	133,732,984	132,184,488
	<u>Transfers from</u>							
11	Other provinces .....	...	...	...	...	...	...	...
12	Distribution to transport (primary).	6,436,726	5,398,968	5,973,149	5,239,201	4,421,514	4,557,286	4,213,314
13	Other gas utilities .....	78,503,097	70,605,869	74,302,012	61,463,561	62,311,798	57,537,870	60,655,150
19	Total gross receipts (9 + 11 + 12 + 13).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690	195,828,140	197,052,952
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	40,589,402	35,923,711	31,471,757	25,557,516	14,530,801	8,652,946	5,365,501
21	Commercial .....	27,765,400	25,151,780	22,879,206	19,644,834	11,910,772	7,305,233	5,246,603
22	Industrial .....	40,923,370	39,171,798	42,313,712	42,197,408	40,434,359	37,281,971	35,034,750
30	Total sales (20 + 21 + 22).	109,278,172	100,247,289	96,664,675	87,399,758	66,875,932	53,240,150	45,646,854
31	Exports .....	67,248,736	62,158,508	67,901,264	66,639,064	63,951,720	61,037,764	60,678,241
32	Other deliveries .....	1,798,695	1,601,866	1,654,320	171,465	672,649	1,017,336	884,493
33	Total net deliveries (30 + 31 + 32).	178,325,603	164,007,663	166,220,259	154,210,287	131,500,301	115,295,250	107,209,588
34	Delivered to storage .....	283,309	338,573	275,986	3,813,019	12,855,500	16,462,469	18,734,718
35	Line pack fluctuation .....	328,645	2,536,402	455,677	300,291	228,432	- 978,216	488,138
36	Gas used in system .....	8,579,814	4,346,602	8,582,933	7,836,094	7,319,858	6,463,724	5,325,726
37	Line losses and unaccounted for.	4,365,080	- 3,479,651	2,624,076	- 9,366,729	- 4,711,713	- 3,510,243	426,318
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378	133,732,984	132,184,488
	<u>Transfers to</u>							
40	Other provinces .....	...	...	...	...	...	...	...
41	Distribution by transport (primary).	64,241,071	56,340,663	62,428,784	54,156,440	51,787,560	44,810,680	45,706,133
42	Other gas utilities .....	20,698,752	19,664,174	17,846,377	12,546,322	14,945,752	17,284,476	19,162,331
49	Total disposition (39 + 40 + 41 + 42).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690	195,828,140	197,052,952

(1) Includes peak shaving and enrichment. (2) Does not include 151,003<sup>2</sup> Mcf., liquid natural gas exported by motor carrier. This amount was reported in May but was delivered in February and March 1970.

(1) Comprend le nivelage des pointes et l'enrichissement. (2) N'inclus pas 151,003<sup>r</sup> Mpc. de gaz naturel liquide exportés par camion-cylindre. Ce montant a été rapporté en mai mais a été livré en février et mars 1970.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Saskatchewan
		Mcf. -- Mpc.			
	<u>July 1970</u>				
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	8,600	9,565	1,287,740	1,000,797
2b	Processing plants .....	-	-	-	1,982,169
3	Total (1 + 2) .....	8,600	9,565	1,287,740	2,982,966
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	-	-
6	Total net receipts (3 + 4 + 5) .....	8,600	9,565	1,287,740	2,982,966
7	Received from storage .....	-	-	531,952	-
9	Total supply of gas utilities (6 + 7) .....	8,600	9,565	1,819,692	2,982,966
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	1,118,796
26	Manitoba .....	-	-	-	-
27	Ontario .....	-	-	1,780,739	-
28	Québec .....	-	9,565	-	-
29	New Brunswick .....	4,672	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	4,672	9,565	1,780,739	1,118,796
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	4,672	9,565	1,780,739	1,118,796
34	Delivered to storage .....	-	-	-	1,048,798
35	Line pack fluctuation .....	-	-	-	- 1,605
36	Gas used in system .....	-	-	26,609	1,123,149
37	Line losses and unaccounted for .....	3,928	-	12,344	- 306,172
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	8,600	9,565	1,819,692	2,982,966

(1) Includes peak shaving and enrichment.

TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia - Colombie- Britannique	Imports from U.S.A. - Importations des E.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
				<u>Juillet 1970</u>	
				<u>Arrivages</u>	
				<u>Par réseaux de transport</u>	1
8,128,528	336,171	-	8,464,699	Gisements .....	1a
86,088,748	17,354,408	-	103,443,156	Usines de traitement .....	1b
				<u>Par réseaux de distribution</u>	2
6,394,963	-	-	8,701,665	Gisements .....	2a
7,752,203	31,831	-	9,766,203	Usines de traitement .....	2b
108,364,442	17,722,410	-	130,375,723	Total (1 + 2) .....	3
-	-	1,055,472	1,055,472	Importations .....	4
2,457	203,147	-	205,604	Autres arrivages(1) .....	5
108,366,899	17,925,557	1,055,472	131,636,799	Total des arrivages nets (3 + 4 + 5) .....	6
15,737	-	-	547,689	Gaz provenant des stocks .....	7
108,382,636	17,925,557	1,055,472	132,184,488	Total des arrivages de gaz (6 + 7) .....	9
				<u>Utilisation</u>	
				<u>Ventes</u>	
269,785	4,621,490	-	4,891,275	Colombie-Britannique .....	23
12,428,639	-	2,386	12,431,025	Alberta .....	24
2,602,907	-	-	3,721,703	Saskatchewan .....	25
1,690,756	-	-	1,690,756	Manitoba .....	26
17,281,846	-	1,053,028	20,115,613	Ontario .....	27
2,782,245	-	-	2,791,810	Québec .....	28
-	-	-	4,672	Nouveau-Brunswick .....	29
37,056,178	4,621,490	1,055,414	45,646,854	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
48,342,183	12,336,058	-	60,678,241	Exportations .....	31
884,493	-	-	884,493	Autres livraisons .....	32
86,282,854	16,957,548	1,055,414	107,209,588	Total des livraisons nettes (30 + 31 + 32) ....	33
17,685,920	-	-	18,734,718	Livraison à l'entrepôt de stockage .....	34
467,126	22,617	-	488,138	Fluctuation du volume de gaz dans le réseau .....	35
3,451,584	724,384	-	5,325,726	Gaz consommé dans le réseau .....	36
495,152	221,008	58	426,318	Fuites et autres pertes .....	37
108,382,636	17,925,557	1,055,472	132,184,488	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.



TABLE 4. Sales of Natural Gas

No.		July - 1970 - Juillet					
		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- Nomb.		Mcf. -- Mpc.	\$	Mcf. -- Mpc.	\$
<u>Residential</u>							
1	New Brunswick .....	130	1,592	3,130	9,879	2.0	3.16
2	Quebec .....	104,453	200,673	302,347	819,850	1.5	2.71
3	Ontario .....	589,626	728,327	2,164,613	3,021,098	3.0	1.40
4	Manitoba .....	112,428	114,486	345,344	426,757	3.0	1.24
5	Saskatchewan .....	121,893	124,361	481,510	609,147	3.9	1.27
6	Alberta .....	273,844	277,733	1,502,993	1,226,756	5.4	0.82
7	British Columbia .....	186,314	215,095	565,564	769,747	2.6	1.36
8	Canada .....	1,388,688	1,662,267	5,365,501	6,883,234	3.2	1.28
<u>Commercial</u>							
9	New Brunswick .....	54	1,542	1,542	3,360	28.5	2.18
10	Quebec .....	9,929	300,845	300,845	349,394	30.3	1.16
11	Ontario .....	69,150	2,258,222	2,258,222	2,060,513	32.6	0.91
12	Manitoba .....	11,083	276,286	276,286	211,769	24.9	0.77
13	Saskatchewan .....	17,013	160,960	160,960	155,240	9.5	0.96
14	Alberta .....	31,218	1,529,336	1,529,336	635,662	49.0	0.42
15	British Columbia .....	28,252	719,412	719,412	674,178	25.5	0.94
16	Canada .....	166,699	5,246,603	5,246,603	4,090,116	31.5	0.78
<u>Industrial</u>							
17	New Brunswick .....	-	-	-	-	-	-
18	Quebec .....	1,939	2,188,618	2,188,618	1,121,658	1,129	0.51
19	Ontario .....	8,647	15,692,778	15,692,778	7,915,487	1,815	0.50
20	Manitoba .....	321	1,069,126	1,069,126	327,843	3,331	0.31
21	Saskatchewan .....	656	3,079,233	3,079,233	899,016	4,694	0.29
22	Alberta .....	1,199	9,398,696	9,398,696	2,074,545	7,839	0.22
23	British Columbia .....	370	3,606,299	3,606,299	1,728,846	9,747	0.48
24	Canada .....	13,132	35,034,750	35,034,750	14,067,395	2,668	0.40
25	Firm .....	12,506	26,780,361	26,780,361	11,050,786	..	..
26	Interruptible .....	626	8,254,389	8,254,389	3,016,609	..	..
<u>Total sales</u>							
27	New Brunswick .....	1,646	4,672	4,672	13,239	2.8	2.83
28	Quebec .....	212,541	2,791,810	2,791,810	2,290,902	17.0	0.82
29	Ontario .....	806,124	20,115,613	20,115,613	12,997,098	24.9	0.65
30	Manitoba .....	125,890	1,690,756	1,690,756	966,369	13.4	0.57
31	Saskatchewan .....	142,030	3,721,703	3,721,703	1,663,403	26.2	0.45
32	Alberta .....	310,150	12,431,025	12,431,025	3,936,963	40.1	0.32
33	British Columbia .....	243,717	4,891,275	4,891,275	3,172,771	20.1	0.65
34	Canada .....	1,842,098	45,646,854	45,646,854	25,040,745	24.8	0.55

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes
		No. -- Nomb.	Mcf. -- Mpc.	\$
1	Residential .....	10,716	16,163	36,824
2	Commercial .....	2,315	34,621	40,637
3	Industrial .....	7	292	407
4	Total .....	13,038	51,076	77,868



TABLEAU 4. Ventes de gaz naturel

July - 1969 - Juillet					
Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes		
Space heating -- Chauffage d'habitation	Total				
No. -- Nomb.				Mcf. -- Mpc.	\$
				<u>Domestique</u>	
130	1,699	2,290	8,103	Nouveau-Brunswick .....	1
104,273	206,102	345,634	995,858	Québec .....	2
571,059	706,140	2,226,452	3,148,538	Ontario .....	3
106,925	109,197	432,224	491,131	Manitoba .....	4
119,042	121,451	579,194	700,679	Saskatchewan .....	5
262,351	264,015	1,548,003	1,239,248	Alberta .....	6
181,172	203,205	546,145	762,021	Colombie-Britannique .....	7
1,344,952	1,611,809	5,679,942	7,345,578	Canada .....	8
				<u>Commercial</u>	
	70	1,397	3,158	Nouveau-Brunswick .....	9
	10,417	253,698	331,750	Québec .....	10
	65,687	2,183,757	2,010,417	Ontario .....	11
	10,500	324,358	243,625	Manitoba .....	12
	16,766	309,234	229,122	Saskatchewan .....	13
	29,738	1,533,496	658,124	Alberta .....	14
	26,610	637,828	601,171	Colombie-Britannique .....	15
	159,788	5,243,768	4,077,367	Canada .....	16
				<u>Industriel</u>	
	-	-	-	Nouveau-Brunswick .....	17
	2,089	2,773,234	1,272,746	Québec .....	18
	8,197	13,849,721	7,153,493	Ontario .....	19
	302	1,331,656	388,068	Manitoba .....	20
	594	2,884,549	822,571	Saskatchewan .....	21
	887	9,075,334	1,674,111	Alberta .....	22
	344	3,097,636	1,225,148	Colombie-Britannique .....	23
	12,413	33,012,130	12,536,137	Canada .....	24
	11,828	25,929,306	9,744,412	Service continu .....	25
	585	7,282,824	2,791,725	Service qui peut être interrompu .....	26
				<u>Total des ventes</u>	
	1,769	3,687	11,261	Nouveau-Brunswick .....	27
	218,608	3,372,566	2,600,354	Québec .....	28
	780,024	18,259,930	12,312,448	Ontario .....	29
	119,999	2,088,238	1,122,824	Manitoba .....	30
	138,811	3,772,977	1,752,372	Saskatchewan .....	31
	294,640	12,156,833	3,571,483	Alberta .....	32
	230,159	4,281,609	2,588,340	Colombie-Britannique .....	33
	1,784,010	43,935,840	23,959,082	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- Nomb.	Mcf. -- Mpc.	\$		
1,305	5,076	7,126	Domestique .....	1
458	10,177	12,098	Commercial .....	2
20	29,176	9,562	Industriel .....	3
1,783	44,429	28,786	Total .....	4

TABLE 6. Operating Statistics: Natural Gas Utilities

TABEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system -- Réseaux de gaz naturel		Total natural gas utilities -- des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
July - 1970 - Juillet			
Daily average -- Moyenne journalière .....	3,431,754	1,472,479	4,062,720
Maximum(1) -- Maximum(1) .....	3,808,262	...	...
Minimum(1) -- Minimum(1) .....	2,316,945	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	2,053,246	...	...
July - 1969 - Juillet			
Daily average -- Moyenne journalière .....	2,789,876	1,417,296	3,357,796
Maximum(1) -- Maximum(1) .....	3,363,536	...	...
Minimum(1) -- Minimum(1) .....	2,210,829	...	...
Year to date - 1970 - Année à ce jour:			
Daily average -- Moyenne journalière .....	3,910,786	2,638,457	5,044,965
Maximum(1) -- Maximum(1) .....	4,522,877	...	...
Minimum(1) -- Minimum(1) .....	2,316,945	...	...
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	95,851,209	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,185	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	9,930,776	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	9,843,991	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	25,040,745	..

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition

TABEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas -- Gaz manufacturé	Liquefied petroleum gases -- Gaz de pétrole liquéfiés
	Mcf. -- Mpc.	
Gas receipts -- Arrivages de gaz .....	45,166	54,999
Deliveries to ultimate customers -- Livraison pour consommation .....	44,429	51,076
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	317
Gas used in system -- Gaz consommé dans le réseau .....	-	
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes.	737	3,606
Disposition - Total - de l'utilisation .....	45,166	54,999
Daily average sendout -- Livraison journalière moyenne .....	1,460	1,774
Revenues -- Recettes ..... \$	28,786	77,868

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot  
TABLEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential -- Domestique	Commercial	Industrial -- Industriel	Total
	Mcf. -- Mpc.			
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	3,713	1,829	-	5,542
Québec .....	306,164	304,636	2,218,974	2,829,774
Ontario .....	2,198,366	2,294,695	15,935,491	20,428,552
Manitoba .....	351,563	281,215	1,082,726	1,715,504
Saskatchewan .....	480,758	160,727	3,074,282	3,715,767
Alberta .....	1,555,956	1,646,697	9,914,647	13,117,300
British Columbia -- Colombie-Britannique .....	598,005	762,590	3,799,456	5,160,051
Canada .....	5,494,525	5,452,389	36,025,576	46,972,490

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia -- Colombie-Britannique	Total	Year to date total -- Depuis le début de l'année
	Mcf. -- Mpc.						
Exports -- Exportations .....	124,429	2,316,771	13,611,118	3,472,937	43,583,033	63,108,288	467,051,293
Imports -- Importations .....	-	1,049,869	-	2,444	-	1,052,313	6,010,472

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases -- Gaz de pétrole liquéfiés	Manufactured gas -- Gaz manufacturé
	Mcf. -- Mpc.	
Totals .....	34,646	21,345

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port -- Province et bureau de douane	Exports -- Exportations	Imports -- Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	122,229	-
<u>Ontario</u>		
Cornwall .....	333,987	-
Niagara Falls .....	1,942,147	-
Ojibway .....	-	1,053,028
Total .....	2,276,134	1,053,028
<u>Manitoba</u>		
Emerson .....	13,396,770	-
<u>Alberta</u>		
Aden .....	1,314,519	-
Carway .....	2,082,834	-
Coutts .....	20	2,444
Total .....	3,397,373	2,444
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	24,199,337	-
Other United States -- Reste des États-Unis .....	4,113,714	-
Huntingdon .....	13,172,684	-
Total .....	41,485,735	-
<u>Canada</u>		
July -- Juillet 1970 .....	60,678,241	1,055,472
1969 .....	51,847,472	1,814,681
<u>Year to date -- Total cumulatif</u>		
1970 .....	449,617,297	6,030,218
1969 .....	381,815,087	23,361,921
<u>Value -- Valeur</u>		
July -- Juillet 1970 .....	\$ 16,373,840	466,836
1969 .....	\$ 14,100,803	857,429

(1) California, Nevada, Arizona, -- Californie.







CATALOGUE No.  
**55-002**  
MONTHLY - MENSUEL



# GAS UTILITIES

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## SERVICES DE GAZ

AUGUST - 1970 - AOÛT

Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

November - 1970 - Novembre  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 12—No. 8



#### NOTE TO USER

Definitions of terms and concepts are given in  
DBS annual publication Catalogue number 57-205.

#### SYMBOLS

The following standard symbols are used in  
Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed
- P preliminary figures.
- r revised figures.
- x confidential to meet secrecy requirements  
of the Statistics Act.

#### AVIS À L'USAGER

La terminologie et les définitions figurent dans la  
publication annuelle du B.F.S. dont le numéro de catalogue est  
57-205.

#### SIGNES CONVENTIONNELS

Les signes conventionnels suivants sont employés  
uniformément dans les publications du Bureau fédéral de la  
statistique:

- .. nombres indisponibles.
- ... n'ayant pas lieu de figurer.
- néant ou zéro.
- nombres infimes.
- P nombres provisoires.
- r nombres rectifiés.
- x confidentiel en vertu des dispositions de la Loi  
sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
		Mcf. -- Mpc.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	8,679	10,796	1,058,837	-	572,597
2b	Processing plants .....	-	-	-	-	2,097,302
3	Total (1 + 2) .....	8,679	10,796	1,058,837	-	2,669,899
4	Imports .....	-	-	1,469,554	-	-
5	Other receipts(1) .....	-	-	-	4,013	-
6	Total net receipts (3 + 4 + 5) .....	8,679	10,796	2,528,391	4,013	2,669,899
7	Received from storage .....	-	-	331,975	-	-
9	Total supply of gas utilities (6 + 7) .....	8,679	10,796	2,860,366	4,013	2,669,899
	<u>Transfers from</u>					
11	Other provinces .....	-	3,553,719	43,301,461	58,811,833	61,966,225
12	Distribution to transport (primary) .....	-	-	-	-	2,732,694
13	Other gas utilities .....	-	3,328,997	47,643,173	1,780,281	1,372,958
19	Total gross receipts (9 + 11 + 12 + 13) .....	8,679	6,893,512	93,805,000	60,596,127	68,741,776
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	1,781	265,062	1,977,521	272,934	353,592
21	Commercial .....	1,594	293,001	2,857,509	204,937	170,907
22	Industrial .....	-	2,505,896	15,894,378	1,275,552	2,364,491
30	Total sales (20 + 21 + 22) .....	3,375	3,063,959	20,729,408	1,753,423	2,888,990
31	Exports .....	-	122,138	522,490	13,351,915	-
32	Other deliveries .....	-	-	-	-	44,664
33	Total net deliveries (30 + 31 + 32) .....	3,375	3,186,097	21,251,898	15,105,338	2,933,654
34	Delivered to storage .....	-	230,471	16,271,757	-	727,920
35	Line pack fluctuation .....	-	-	25,491	- 465,206	118,418
36	Gas used in system .....	-	25,851	2,600,144	624,951	1,168,461
37	Line losses and unaccounted for .....	5,304	122,096	2,458,818	249,302	875,838
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,679	3,564,515	42,608,108	15,514,385	5,824,291
	<u>Transfers to</u>					
40	Other provinces .....	-	-	3,553,719	43,301,461	58,811,833
41	Distribution by transport (primary) .....	-	3,318,647	36,707,640	1,780,281	1,372,958
42	Other gas utilities .....	-	10,350	10,935,533	-	2,732,694
49	Total disposition (39 + 40 + 41 + 42) .....	8,679	6,893,512	93,805,000	60,596,127	68,741,776

(1) Includes peak shaving and enrichment.

(2) Does not include 107,678 Mcf. of liquid natural gas exported by motor carrier.

TABLEAU 1. Arrivages et utilisation du gaz naturel, par province

Alberta	British Columbia -- Colombie- Britannique	Canada		N <sup>o</sup>
		August 1970 -- Août	August 1969 -- Août	
		Mcf. -- Mpc.		
<u>Arrivages</u>				
<u>Par réseaux de transport</u>				
8,368,892	410,365	8,779,257	7,530,894	1
87,672,312	18,826,385	106,498,697	94,500,809	1a
				1b
<u>Par réseaux de distribution</u>				
6,178,554	-	7,829,463	9,260,517	2
7,395,640	33,240	9,526,182	9,560,294	2a
				2b
109,615,398	19,269,990	132,633,599	120,852,514	3
2,476	-	1,472,030	3,728,265	4
1,186	32,823	38,022	2,147	5
109,619,060	19,302,813	134,143,651	124,582,926	6
19,543	-	351,518	146,007	7
109,638,603	19,302,813	134,495,169	124,728,933	9
<u>Transferts de</u>				
-	28,385,005	...	...	11
1,079,216	-	3,811,910	3,518,585	12
5,413,969	6,645,936	66,185,314	62,190,833	13
116,131,788	54,333,754	204,492,393	190,438,351	19
<u>Utilisation</u>				
<u>Ventes</u>				
1,256,672	646,199	4,773,761	4,948,080	20
1,392,738	660,893	5,581,579	5,716,591	21
9,016,948	5,176,416	36,233,681	33,965,172	22
11,666,358	6,483,508	46,589,021	44,629,843	30
3,130,233	39,698,745	56,825,521(2)	52,884,506	31
1,429,968	-	1,474,632	306,840	32
16,226,559	46,182,253	104,889,174	97,821,189	33
843,455	-	18,073,603	18,071,186	34
135,423	- 54,068	- 239,942	415,911	35
1,034,114	1,229,850	6,683,371	6,218,145	36
1,047,822	329,783	5,088,963	2,202,502	37
19,287,373	47,687,818	134,495,169	124,728,933	39
<u>Transferts à</u>				
90,351,230	-	...	...	40
1,657,979	6,614,609	51,452,114	46,482,337	41
4,835,206	31,327	18,545,110	19,227,081	42
116,131,788	54,333,754	204,492,393	190,438,351	49
Total des arrivages nets (3 + 4 + 5) .....				
Gaz provenant des stocks .....				
Total des arrivages de gaz (6 + 7) .....				
Autres provinces .....				
Distribution aux transports (primaire) .....				
Autres services de gaz .....				
Total des arrivages bruts (9 + 11 + 12 + 13) ...				
Exportations .....				
Autres livraisons .....				
Total des livraisons nettes (30 + 31 + 32) .....				
Livraison à l'entrepôt de stockage .....				
Fluctuation du volume de gaz dans le réseau .....				
Gaz consommé dans le réseau .....				
Fuites et autres pertes .....				
Total de la demande de gaz (33 + 34 + 35 + 36 + 37).				
Autres provinces .....				
Distribution par transports (primaire) .....				
Autres services de gaz .....				
Total de l'utilisation (39 + 40 + 41 + 42) .....				

(1) Comprend le nivelage des pointes et l'enrichissement.

(2) N'inclus pas 107,678 M.p.c. de gaz naturel exportés par camion-cylindre.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January -- Janvier	February -- Février	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	12,340,786	11,062,786	12,166,364	10,503,927	10,832,737	9,108,525	8,464,699
1b	Processing plants .....	123,737,745	113,054,286	123,390,091	116,468,812	111,090,313	101,520,780	103,443,156
2	<u>By distribution systems</u>							
2a	Fields .....	21,246,736	17,256,676	18,728,665	15,187,182	13,006,296	11,032,974	8,700,931
2b	Processing plants .....	15,633,026	12,343,114	13,054,702	11,196,679	10,342,018	9,328,935	9,766,203
3	Total (1 + 2) .....	172,958,293	153,716,862	167,339,822	153,356,600	145,271,364	130,991,214	130,374,989
4	Imports .....	194,577	11,822	526,569	999,464	1,643,925	1,598,389	1,055,472
5	Other receipts(1) .....	388,678	298,919	110,759	- 53,127	3,685	7,561	205,604
6	Total net receipts (3 + 4 + 5).	173,541,548	154,027,603	167,977,150	154,302,937	146,918,974	132,597,164	131,636,065
7	Received from storage .....	18,340,903	13,721,986	10,181,781	2,490,025	273,404	1,135,570	547,689
9	Total supply of gas utilities (6 + 7).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378	133,732,734	132,183,754
11	<u>Transfers from</u>							
12	Other provinces .....	...	...	...	...	...	...	...
12	Distribution to transport (primary).	6,436,726	5,398,968	5,973,149	5,239,201	4,421,514	4,557,286	4,213,314
13	Other gas utilities .....	78,503,097	70,605,869	74,302,012	61,463,561	62,311,798	57,537,870	60,655,150
19	Total gross receipts (9 + 11 + 12 + 13).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690	195,827,890	197,052,218
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	40,589,402	35,923,711	31,471,757	25,557,516	14,530,801	8,652,946	5,365,500
21	Commercial .....	27,765,400	25,151,780	22,879,206	19,644,834	11,910,772	7,305,233	5,246,603
22	Industrial .....	40,923,370	39,171,798	42,313,712	42,197,408	40,434,359	37,281,971	35,034,750
30	Total sales (20 + 21 + 22).	109,278,172	100,247,289	96,664,675	87,399,758	66,875,932	53,240,150	45,646,853
31	Exports .....	67,248,736	62,158,508	67,901,264	66,639,064	63,951,720	61,037,764	60,678,231
32	Other deliveries .....	1,798,695	1,601,866	1,654,320	171,465	672,649	1,017,336	884,493
33	Total net deliveries (30 + 31 + 32).	178,325,603	164,007,663	166,220,259	154,210,287	131,500,301	115,295,250	107,209,577
34	Delivered to storage .....	283,309	338,573	275,986	3,813,019	12,855,500	16,462,469	18,734,718
35	Line pack fluctuation .....	328,645	2,536,402	455,677	300,291	228,432	- 978,216	488,138
36	Gas used in system .....	8,579,814	4,346,602	8,582,933	7,836,094	7,319,858	6,463,724	5,325,726
37	Line losses and unaccounted for.	4,365,080	- 3,479,651	2,624,076	- 9,366,729	- 4,711,713	- 3,510,493	425,595
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378	133,732,734	132,183,754
	<u>Transfers to</u>							
40	Other provinces .....	...	...	...	...	...	...	...
41	Distribution by transport (primary).	64,241,071	56,340,663	62,428,784	54,156,440	51,787,560	44,810,680	45,706,133
42	Other gas utilities .....	20,698,752	19,664,174	17,846,377	12,546,322	14,945,752	17,284,476	19,162,331
49	Total disposition (39 + 40 + 41 + 42).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690	195,827,890	197,052,218

(1) Includes peak shaving and enrichment.

(2) Does not include 107,678 mcf., liquid natural gas exported by motor carrier.

r Revised figures.



TABLEAU 2. Arrivages et utilisation du gaz naturel, par mois, Canada

August -- Août	September -- Septembre	October -- Octobre	November -- Novembre	December -- Décembre	Year to date -- Total cumulatif			N°
					1970	1969		
Mcf. -- Mpc.								
							<u>Arrivages</u>	
							<u>Par réseaux de transports</u>	
8,779,257					83,259,081	63,921,810	Gisements .....	1
106,498,697					899,203,880	753,248,766	Usines de traitement .....	1a 1b
							<u>Par réseaux de distribution</u>	
7,829,463					112,988,923 <sup>r</sup>	108,666,751	Gisements .....	2
9,526,182					91,190,859	91,333,873	Usines de traitement .....	2a 2b
132,633,599					1,186,642,743 <sup>r</sup>	1,017,171,200	Total (1 + 2) .....	3
1,472,030					7,502,248	27,090,186	Importations .....	4
38,022					1,000,101	694,849	Autres arrivages(1) .....	5
134,143,651					1,195,145,092 <sup>r</sup>	1,044,956,235	Total des arrivages nets (3 + 4 + 5).	6
351,518					47,042,876	41,796,938	Gas provenant des stocks ....	7
134,495,169					1,242,187,968 <sup>r</sup>	1,086,753,173	Total des arrivages de gaz (6 + 7).	9
							<u>Transferts de</u>	
3,811,910					40,052,068	38,448,993	Autres provinces .....	11
66,185,314					531,564,671	450,327,553	Distribution aux transports (primaire).	12
							Autres services de gaz ....	13
204,492,393					1,813,804,707 <sup>r</sup>	1,575,529,719	Total des arrivages bruts (9 + 11 + 12 + 13).	19
							<u>Utilisation</u>	
							<u>Ventes</u>	
4,773,761					166,865,394	161,326,141	Domestique .....	20
5,581,579					125,485,407	114,884,155	Commercial .....	21
36,233,681					313,591,049	287,410,004	Industriel .....	22
46,589,021					605,941,850	563,620,300	Total des ventes (20 + 21 + 22).	30
58,825,521(2)					506,440,808(2)	434,699,593	Exportations .....	31
1,474,632					9,275,456	5,629,031	Autres livraisons .....	32
104,889,174					1,121,658,114	1,003,948,924	Total des livraisons net- tes (30 + 31 + 32).	33
18,073,603					70,837,177	47,170,975	Livraisons à l'entrepôt de stockage.	34
- 239,942					3,119,427 <sup>r</sup>	1,022,422	Fluctuation du volume de gaz dans le réseau.	35
6,683,371					55,138,122 <sup>r</sup>	47,255,585	Gas consommé dans le réseau	36
5,088,963					- 8,564,872	- 12,644,733	Fuites et autres pertes .....	37
134,495,169					1,242,187,968 <sup>r</sup>	1,086,753,173	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
							<u>Transferts à</u>	
51,452,114					430,923,445	329,273,227	Autres provinces .....	40
18,545,110					140,693,294	159,503,319	Distribution par transports (primaire).	41
204,492,393					1,813,804,707 <sup>r</sup>	1,575,529,719	Autres services de gaz ....	42
							Total de l'utilisation (39 + 40 + 41 + 42).	49

(1) Comprend le nivelage des pointes et l'enrichissement.

(2) N'inclus pas 107,678 m.p.c. de gaz liquide exportés par camion-cylindre.

<sup>r</sup> Chiffres révisés.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau- Brunswick	Québec	Ontario	Saskat- chewan
		Mcf. -- Mpc.			
	<u>August 1970</u>				
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	8,679	10,796	1,058,837	572,597
2b	Processing plants .....	-	-	-	2,097,302
3	Total (1 + 2) .....	8,679	10,796	1,058,837	2,669,899
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	-	-
6	Total net receipts (3 + 4 + 5) .....	8,679	10,796	1,058,837	2,669,899
7	Received from storage .....	-	-	331,975	-
9	Total supply of gas utilities (6 + 7) .....	8,679	10,796	1,390,812	2,669,899
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	1,342,224
26	Manitoba .....	-	-	-	-
27	Ontario .....	-	-	1,250,281	-
28	Québec .....	-	10,796	-	-
29	New Brunswick .....	3,375	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	3,375	10,796	1,250,281	1,342,224
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	-
33	Total net deliveries (30 + 31 + 32) .....	3,375	10,796	1,250,281	1,342,224
34	Delivered to storage .....	-	-	-	727,920
35	Line pack fluctuation .....	-	-	-	35,573
36	Gas used in system .....	-	-	33,728	135,226
37	Line losses and unaccounted for .....	5,304	-	106,803	428,956
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,679	10,796	1,390,812	2,669,899

(1) Includes peak shaving and enrichment.

TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia -- Colombie- Britannique	Imports from U.S.A. -- Importations des E.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
Août 1970					
Arrivages					
Par réseaux de transport					1
8,368,892	410,365	-	8,779,257	Gisements .....	1a
87,672,312	18,826,385	-	106,498,697	Usines de traitement .....	1b
Par réseaux de distribution					2
6,178,554	-	-	7,829,463	Gisements .....	2a
7,395,640	33,240	-	9,526,182	Usines de traitement .....	2b
109,615,398	19,269,990	-	132,633,599	Total (1 + 2) .....	3
-	-	1,472,030	1,472,030	Importations .....	4
5,199	32,823	-	38,022	Autres arrivages(1) .....	5
109,620,597	19,302,813	1,472,030	134,143,651	Total des arrivages nets (3 + 4 + 5) .....	6
19,543	-	-	351,518	Gaz provenant des stocks .....	7
109,640,140	19,302,813	1,472,030	134,495,169	Total des arrivages de gaz (6 + 7) .....	9
Utilisation					
Ventes					
485,888	5,997,620	-	6,483,508	Colombie-Britannique .....	23
11,663,868	-	2,490	11,666,358	Alberta .....	24
1,546,766	-	-	2,888,990	Saskatchewan .....	25
1,753,423	-	-	1,753,423	Manitoba .....	26
18,009,573	-	1,469,554	20,729,408	Ontario .....	27
3,053,163	-	-	3,063,959	Québec .....	28
-	-	-	3,375	Nouveau-Brunswick .....	29
36,512,681	5,997,620	1,472,044	46,589,021	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	30
44,782,236	12,043,285	-	56,825,521	Exportations .....	31
1,474,632	-	-	1,474,632	Autres livraisons .....	32
82,769,549	18,040,905	1,472,044	104,889,174	Total des livraisons nettes (30 + 31 + 32) ....	33
17,345,683	-	-	18,073,603	Livraison à l'entrepôt de stockage .....	34
- 221,447	- 54,068	-	- 239,942	Fluctuation du volume de gaz dans le réseau .....	35
5,524,134	990,283	-	6,683,371	Gaz consommé dans le réseau .....	36
4,222,221	325,693	- 14	5,088,963	Fuites et autres pertes .....	37
109,640,140	19,302,813	1,472,030	134,495,169	Total de la demande de gaz (33 + 34 + 35 + 36 + 37) .....	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 4. Sales of Natural Gas

No.		August - 1970 - Août					
		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- nomb.					
	<u>Residential</u>						
1	New Brunswick .....	130	1,580	1,781	6,214	1.1	3.49
2	Quebec .....	104,654	200,373	265,062	842,206	1.3	3.18
3	Ontario .....	587,543	725,352	1,977,521	2,848,653	2.7	1.44
4	Manitoba .....	112,692	114,750	272,934	373,153	2.4	1.37
5	Saskatchewan .....	121,665	124,329	353,592	507,865	2.8	1.44
6	Alberta .....	275,416	278,560	1,256,672	1,147,796	4.5	0.91
7	British Columbia .....	186,853	216,227	646,199	861,062	3.0	1.33
8	Canada .....	1,388,953	1,661,171	4,773,761	6,586,589	2.9	1.38
	<u>Commercial</u>						
9	New Brunswick .....	54	54	1,594	3,713	29.5	2.33
10	Quebec .....	9,891	9,891	293,001	334,415	29.6	1.14
11	Ontario .....	68,964	68,964	2,857,509	2,600,582	41.4	0.91
12	Manitoba .....	11,194	11,194	204,937	160,550	18.3	0.78
13	Saskatchewan .....	16,955	16,955	170,907	162,933	10.1	0.95
14	Alberta .....	31,193	31,193	1,392,738	582,576	44.6	0.42
15	British Columbia .....	28,417	28,417	660,893	641,956	23.3	0.97
16	Canada .....		166,668	5,581,579	4,487,085	33.5	0.80
	<u>Industrial</u>						
17	New Brunswick .....	-	-	-	-	-	-
18	Quebec .....	1,926	1,926	2,505,896	1,171,403	1,301	0.47
19	Ontario .....	8,575	8,575	15,894,378	8,074,287	1,853	0.51
20	Manitoba .....	328	328	1,275,552	362,671	3,889	0.28
21	Saskatchewan .....	655	655	2,364,491	669,044	3,610	0.28
22	Alberta .....	1,211	1,211	9,016,948	1,711,673	7,446	0.19
23	British Columbia .....	380	380	5,176,416	2,365,791	13,622	0.46
24	Canada .....	13,075	13,075	36,233,681	14,354,869	2,771	0.40
25	Firm .....	12,371	12,371	28,276,722	11,257,737	..	..
26	Interruptible .....	704	704	7,956,959	3,097,132	..	..
	<u>Total sales</u>						
27	New Brunswick .....	1,634	1,634	3,375	9,927	2.1	2.94
28	Quebec .....	212,190	212,190	3,063,959	2,348,024	14.4	0.77
29	Ontario .....	802,891	802,891	20,729,408	13,523,522	25.8	0.65
30	Manitoba .....	126,272	126,272	1,753,423	896,374	13.9	0.51
31	Saskatchewan .....	141,939	141,939	2,888,990	1,339,842	20.4	0.46
32	Alberta .....	310,964	310,964	11,666,358	3,442,045	37.5	0.30
33	British Columbia .....	245,024	245,024	6,483,508	3,868,809	26.5	0.60
34	Canada .....		1,840,914	46,589,021	25,428,543	25.3	0.55

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes
No.		No. -- nomb.	Mcf. -- Mpc.	\$
1	Residential .....	10,578	16,012	36,074
2	Commercial .....	2,306	27,198	32,391
3	Industrial .....	8	254	377
4	Total .....	12,892	43,464	68,842

TABLEAU 4. Ventes de gaz naturel

August - 1969 - Août					
Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes		No
Space heating -- Chauffage d'habitation	Total				
No. -- nomb.		Mcf. -- Mpc.	\$		
				<u>Domestique</u>	
130	1,699	2,054	7,437	Nouveau-Brunswick .....	1
103,871	204,927	454,716	1,160,557	Québec .....	2
569,333	703,046	1,773,142	2,602,285	Ontario .....	3
107,261	109,539	266,853	330,659	Manitoba .....	4
119,010	121,418	441,747	566,329	Saskatchewan .....	5
262,138	265,836	1,199,962	1,107,787	Alberta .....	6
182,100	203,875	809,606	1,270,304	Colombie-Britannique .....	7
1,343,843	1,610,340	4,948,080	7,045,358	Canada .....	8
				<u>Commercial</u>	
	70	1,556	3,435	Nouveau-Brunswick .....	9
	10,367	246,210	301,798	Québec .....	10
	65,191	3,053,773	2,663,279	Ontario .....	11
	10,535	204,885	160,911	Manitoba .....	12
	16,795	276,208	208,888	Saskatchewan .....	13
	29,758	1,339,953	584,462	Alberta .....	14
	26,504	594,006	560,471	Colombie-Britannique .....	15
	159,220	5,716,591	4,483,244	Canada .....	16
				<u>Industriel</u>	
	-	-	-	Nouveau-Brunswick .....	17
	2,076	2,900,764	1,312,012	Québec .....	18
	8,058	12,907,266	6,570,730	Ontario .....	19
	299	1,313,821	379,638	Manitoba .....	20
	651	2,719,919	813,113	Saskatchewan .....	21
	926	10,093,892	1,821,420	Alberta .....	22
	344	4,029,510	1,554,100	Colombie-Britannique .....	23
	12,354	33,965,172	12,451,013	Canada .....	24
	11,792	26,777,631	9,743,107	Service continu .....	25
	562	7,187,541	2,707,906	Service qui peut être interrompu .....	26
				<u>Total des ventes</u>	
	1,769	3,610	10,872	Nouveau-Brunswick .....	27
	217,370	3,601,690	2,774,367	Québec .....	28
	776,295	17,734,181	11,836,294	Ontario .....	29
	120,373	1,785,559	871,208	Manitoba .....	30
	138,864	3,437,874	1,588,330	Saskatchewan .....	31
	296,520	12,633,807	3,513,669	Alberta .....	32
	230,723	5,433,122	3,384,875	Colombie-Britannique .....	33
	1,781,914	44,629,843	23,979,615	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				No
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- nomb.	Mcf. -- Mpc.	\$		
1,298	3,602	4,656	Domestique .....	1
455	9,259	10,917	Commercial .....	2
23	34,931	12,352	Industriel .....	3
1,776	47,792	27,925	Total .....	4



TABLE 6. Operating Statistics: Natural Gas Utilities

TABLEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system - - Réseaux de gaz naturel		Total natural gas utilities - - des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
August - 1970 - Août:			
Daily average -- Moyenne journalière .....	3,492,827	1,502,872	3,966,541
Maximum(1) .....	3,880,191	...	...
Minimum(1) .....	2,357,356	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	2,094,470	...	...
August - 1969 - Août:			
Daily average -- Moyenne journalière .....	3,205,382	1,439,672	3,738,464
Maximum(1) .....	3,481,191	...	...
Minimum(1) .....	2,497,623	...	...
Year to date - 1970 - Année à ce jour:			
Daily average -- Moyenne journalière .....	3,857,466	2,493,588	4,907,388
Maximum(1) .....	4,522,877	..	..
Minimum(1) .....	3,285,769	..	..
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	99,060,708	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,259	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	9,843,991	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	10,026,085	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	25,428,543	..

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition

TABLEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas -- Gaz manufacturé	Liquefied petroleum gases -- Gaz de pétrole liquéfiés
Mcf. -- Mpc.		
Gas receipts -- Arrivages de gaz .....	49,282	54,043
Deliveries to ultimate customers -- Livraison pour consommation .....	47,792	43,464
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	340
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes .....	1,490	10,239
Disposition - Total - de l'utilisation .....	49,282	54,043
Daily average sendout -- Livraison journalière moyenne .....	1,589	1,743
Revenues -- Recettes ..... \$	27,925	68,842



TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot  
TABLEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential - - Domestique	Commercial	Industrial - - Industriel	Total
	Mcf. -- Mpc.			
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	2,149	1,922	-	4,071
Québec .....	268,697	297,030	2,540,466	3,106,193
Ontario .....	2,011,914	2,906,637	16,187,529	21,106,080
Manitoba .....	278,724	209,293	1,297,331	1,785,348
Saskatchewan .....	353,050	170,661	2,360,690	2,884,401
Alberta .....	1,346,599	1,496,165	9,456,667	12,299,431
British Columbia -- Colombie-Britannique .....	681,327	697,187	5,460,864	6,839,378
Canada .....	4,942,460	5,778,895	37,303,547	48,024,902

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia - - Colombie- Britannique	Total	Year to date total - - Depuis le début de l'année
	Mcf. -- Mpc.						
Exports -- Exportations .....	124,459	532,096	13,632,305	3,211,537	41,288,835	58,789,232	525,840,525
Imports -- Importations .....	-	1,471,024	-	2,476	-	1,473,500	7,483,972

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases - - Gaz de pétrole liquéfiés	Manufactured gas - - Gaz manufacturé
	Mcf. -- Mpc.	
Total .....	30,714	16,790

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port Province et bureau de douane	Exports Exportations	Imports Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	122,138	-
<u>Ontario</u>		
Cornwall .....	321,590	-
Niagara Falls .....	200,900	-
Ojibway .....	-	1,469,554
Total .....	522,490	1,469,554
<u>Manitoba</u>		
Emerson .....	13,351,915	-
<u>Alberta</u>		
Aden .....	1,301,937	-
Carway .....	1,828,286	-
Coutts .....	10	2,476
Total .....	3,130,233	2,476
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	23,039,861	-
Other United States -- Reste des États-Unis .....	3,782,560	-
Huntingdon .....	12,876,324	-
Total .....	39,698,745	-
<u>Canada</u>		
August -- Août 1970 .....	56,825,521	1,472,030
1969 .....	52,884,506	3,728,265
<u>Year to date -- Total cumulatif</u>		
1970 .....	506,440,808	7,502,248
1969 .....	434,699,593	27,090,186
<u>Value - - Valeur</u>		
August -- Août 1970 .....	\$ 15,091,236	638,176
1969 .....	\$ 14,092,735	1,633,247

(1) California, Nevada, Arizona. -- Californie.





CATALOGUE No.

55-002

MONTHLY - MENSUEL



## GAS UTILITIES

## SERVICES DE GAZ

SEPTEMBER - 1970 - SEPTEMBRE

Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

December - 1970 - Décembre  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 12—No. 9

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THE QUEEN'S PRINTER

OTTAWA

1911



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- x confidentiel en vertu des dispositions de la Loi sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
		Mcf. -- Mpc.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	8,740	13,062	1,216,905	-	1,657,087
2b	Processing plants .....	-	-	-	-	1,765,745
3	Total (1 + 2) .....	8,740	13,062	1,216,905	-	3,422,832
4	Imports .....	-	-	492,202	-	-
5	Other receipts(1) .....	-	-	-	726	-
6	Total net receipts (3 + 4 + 5) .....	8,740	13,062	1,709,107	726	3,422,832
7	Received from storage .....	-	203,363	338,881	-	64,175
9	Total supply of gas utilities (6 + 7) .....	8,740	216,425	2,047,988	726	3,487,007
	<u>Transfers from</u>					
11	Other provinces .....	-	3,978,768	42,538,253	58,857,207	62,794,145
12	Distribution to transport (primary) .....	-	-	9,984,905	-	3,110,354
13	Other gas utilities .....	-	3,713,329	39,243,139	2,753,915	2,400,583
19	Total gross receipts (9 + 11 + 12 + 13) .....	8,740	7,908,522	93,814,285	61,611,848	71,792,089
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	1,657	516,278	2,260,284	452,308	469,634
21	Commercial .....	1,756	302,571	3,309,854	326,245	290,347
22	Industrial .....	-	2,724,377	17,523,545	1,541,680	3,345,405
30	Total sales (20 + 21 + 22) .....	3,413	3,543,226	23,093,683	2,320,233	4,105,386
31	Exports .....	-	144,500(2)	735,037	13,053,227	-
32	Other deliveries .....	-	-	84,543	-	39,434
33	Total net deliveries (30 + 31 + 32) .....	3,413	3,687,726	23,913,263	15,373,460	4,144,820
34	Delivered to storage .....	-	253,329	12,823,123	-	295,543
35	Line pack fluctuation .....	-	-	31,487	- 227,395	513,575
36	Gas used in system .....	-	- 27,917	2,497,261	600,685	1,172,148
37	Line losses and unaccounted for .....	5,327	282,055	1,342,339	572,930	1,297,859
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37). .....	8,740	4,195,193	40,607,473	16,319,680	7,423,945
	<u>Transfers to</u>					
40	Other provinces .....	-	-	3,978,768	42,538,253	58,857,207
41	Distribution by transport (primary) .....	-	3,701,843	35,564,167	2,753,915	2,400,583
42	Other gas utilities .....	-	11,486	13,663,877	-	3,110,354
49	Total disposition (39 + 40 + 41 + 42) .....	8,740	7,908,522	93,814,285	61,611,848	71,792,089

(1) Includes peak shaving and enrichment.

(2) Does not include 217,867 Mcf. of liquid natural gas exported by motor carrier.

(3) Does not include 969 Mcf. of liquid natural gas imported by tank truck in August.

TABLEAU 1. Arrivages et utilisation du gaz naturel, par province

Alberta	British Columbia - - Colombie- Britannique	Canada			N <sup>o</sup>
		September 1970 - - Septembre	September 1969 - - Septembre		
		Mcf. -- Mpc.			
<u>Arrivages</u>					
<u>Par réseaux de transport</u>					
8,551,019	261,819	8,812,838	8,664,695	Gisements .....	1a
90,952,144	21,890,954	112,843,098	96,073,221	Usines de traitement .....	1b
<u>Par réseaux de distribution</u>					
8,032,682	-	10,928,476	11,909,998	Gisements .....	2a
9,290,439	56,262	11,112,446	10,994,637	Usines de traitement .....	2b
116,826,284	22,209,035	143,696,858	127,642,551	Total (1 + 2) .....	3
5,483	-(3)	497,685	2,540,632	Importations .....	4
2,677	4,963	8,366	13,301	Autres arrivages(1) .....	5
116,834,444	22,213,998	144,202,909	130,196,484	Total des arrivages nets (3 + 4 + 5) .....	6
23,496	-	629,915	568,621	Gaz provenant des stocks .....	7
116,857,940	22,213,998	144,832,824	130,765,105	Total des arrivages de gaz (6 + 7) .....	9
<u>Transferts de</u>					
-	31,489,380	...	...	Autres provinces .....	11
1,253,119	-	14,348,378	4,525,291	Distribution aux transports (primaire) .....	12
5,482,457	8,987,420	62,580,843	60,229,651	Autres services de gaz .....	13
123,593,516	62,690,798	221,762,045	195,520,047	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
<u>Utilisation</u>					
<u>Ventes</u>					
1,749,137	1,332,436	6,781,734	6,354,786	Domestique .....	20
2,127,151	807,253	7,165,177	5,956,893	Commercial .....	21
9,374,066	6,547,316	41,056,389	36,673,826	Industriel .....	22
13,250,354	8,687,005	55,003,300	48,985,505	Total des ventes (20 + 21 + 22) .....	30
3,097,045	42,839,253	59,869,062	53,606,345	Exportations .....	31
2,168,580	-	2,292,557	1,610,244	Autres livraisons .....	32
18,515,979	51,526,258	117,164,919	104,202,094	Total des livraisons nettes (30 + 31 + 32) .....	33
698,345	-	14,070,340	13,802,533	Livraison à l'entrepôt de stockage .....	34
269,449	1,555,572	2,142,688	- 45,830	Fluctuation du volume de gaz dans le réseau .....	35
921,502	214,954	5,378,633	6,699,064	Gaz consommé dans le réseau .....	36
2,169,140	406,594	6,076,244	6,107,244	Fuites et autres pertes .....	37
22,574,415	53,703,378	144,832,824	130,765,105	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
<u>Transferts à</u>					
94,283,525	-	...	...	Autres provinces .....	40
3,280,307	8,929,060	56,629,875	49,612,166	Distribution par transports (primaire) .....	41
3,455,269	58,360	20,299,346	15,142,776	Autres services de gaz .....	42
123,593,516	62,690,798	221,762,045	195,520,047	Total de l'utilisation (39 + 40 + 41 + 42) .....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

(2) N'inclus pas 217,867 m.p.c. de gaz naturel exportés par camion-cylindre.

(3) N'inclus pas 969 m.p.c. de gaz naturel importés par camion-citerne au mois d'août.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January -- Janvier	February -- Février	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	12,340,786	11,062,786	12,166,364	10,503,927	10,832,737	9,108,525	8,464,689
1b	Processing plants .....	123,737,745	113,054,286	123,390,091	116,468,812	111,090,313	101,520,780	103,443,156
2	<u>By distribution systems</u>							
2a	Fields .....	21,246,736	17,256,676	18,728,665	15,187,182	13,006,296	11,032,974	8,700,931
2b	Processing plants .....	15,633,026	12,343,114	13,054,702	11,196,679	10,342,018	9,328,935	9,766,203
3	Total (1 + 2) .....	172,958,293	153,716,862	167,339,822	153,356,600	145,271,364	130,991,214	130,374,979
4	Imports .....	194,577	11,822	526,569	999,464	1,643,925	1,598,389	1,055,472
5	Other receipts (1) .....	388,678	298,919	110,759	- 53,127	3,685	7,561	205,604
6	Total net receipts (3 + 4 + 5).	173,541,548	154,027,603	167,977,150	154,302,937	146,918,974	132,597,164	131,636,055
7	Received from storage .....	18,340,903	13,721,986	10,181,781	2,490,025	273,404	1,135,570	547,689
9	Total supply of gas utilities (6 + 7).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378	133,732,734	132,183,744
	<u>Transfers from</u>							
11	Other provinces .....	...	...	...	...	...	...	...
12	Distribution to transport (primary).	6,436,726	5,398,968	5,973,149	5,239,201	4,421,514	4,557,286	4,213,314
13	Other gas utilities .....	78,503,097	70,605,869	74,302,012	61,463,561	62,311,798	57,537,870	60,655,150
19	Total gross receipts (9 + 11 + 12 + 13).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690	195,827,890	197,052,208
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	40,589,402	35,923,711	31,471,757	25,557,516	14,530,801	8,652,946	5,365,500
21	Commercial .....	27,765,400	25,151,780	22,879,206	19,644,834	11,910,772	7,305,233	5,246,603
22	Industrial .....	40,923,370	39,171,798	42,313,712	42,197,408	40,434,359	37,281,971	35,034,750
30	Total sales (20 + 21 + 22).	109,278,172	100,247,289	96,664,675	87,399,758	66,875,932	53,240,150	45,646,853
31	Exports .....	67,248,736	62,158,508	67,901,264	66,639,064	63,951,720	61,037,764	60,678,231
32	Other deliveries .....	1,798,695	1,601,866	1,654,320	171,465	672,649	1,017,336	884,493
33	Total net deliveries (30 + 31 + 32).	178,325,603	164,007,663	166,220,259	154,210,287	131,500,301	115,295,250	107,209,577
34	Delivered to storage .....	283,309	338,573	275,986	3,813,019	12,855,500	16,462,469	18,734,718
35	Line pack fluctuation .....	328,645	2,536,402	455,677	300,291	228,432	- 978,216	488,138
36	Gas used in system .....	8,579,814	4,346,602	8,582,933	7,836,094	7,319,858	6,463,724	5,325,726
37	Line losses and unaccounted for.	4,365,080	- 3,479,651	2,624,076	- 9,366,729	- 4,711,713	- 3,510,493	425,585
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378	133,732,734	132,183,744
	<u>Transfers to</u>							
40	Other provinces .....	...	...	...	...	...	...	...
41	Distribution by transport (primary).	64,241,071	56,340,663	62,428,784	54,156,440	51,787,560	44,810,680	45,706,133
42	Other gas utilities .....	20,698,752	19,664,174	17,846,377	12,546,322	14,945,752	17,284,476	19,162,331
49	Total disposition (39 + 40 + 41 + 42).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690	195,827,890	197,052,208

(1) Includes peak shaving and enrichment.

(2) Does not include 501,353 Mcf., liquid natural gas exported by motor carrier.

(3) Does not include 969 Mcf., of liquid natural gas imported by tank truck in August.

r Revised figures.

TABEAU 2. Arrivages et utilisation du gaz naturel, par mois, Canada

August -- Août	September -- Septembre	October -- Octobre	November -- Novembre	December -- Décembre	Year to date -- Total cumulatif			No
					1970	1969		
Mcf. -- Mpc.								
							<u>Arrivages</u>	
							<u>Par réseaux de transports</u>	1
8,779,257	8,812,838				92,071,909 <sup>F</sup>	72,586,505	Gisements .....	1a
106,498,697	112,843,098				1,012,046,978	849,321,987	Usines de traitement .....	1b
							<u>Par réseaux de distribution</u>	2
7,829,463	10,928,476				123,917,399	120,576,749	Gisements .....	2a
9,526,182	11,112,446				102,303,305	102,328,510	Usines de traitement .....	2b
132,633,599	143,696,858				1,330,339,591 <sup>F</sup>	1,144,813,751	Total (1 + 2) .....	3
1,472,030	497,685				7,999,933	29,630,818	Importations .....	4
38,022	8,366				1,008,467	708,150	Autres arrivages(1) .....	5
134,143,651	144,202,909				1,339,347,991	1,175,152,719	Total des arrivages nets (3 + 4 + 5).	6
351,518	629,915				47,672,791	42,365,559	Gas provenant des stocks ....	7
134,495,169	144,832,824				1,387,020,782 <sup>F</sup>	1,217,518,278	Total des arrivages de gaz (6 + 7).	9
							<u>Transferts de</u>	
							Autres provinces .....	11
3,811,910	14,348,378				54,400,446	42,974,284	Distribution aux transports (primaire).	12
66,185,314	62,580,843				594,145,514 <sup>F</sup>	510,557,204	Autres services de gaz ....	13
204,492,393	221,762,045				2,035,566,742 <sup>F</sup>	1,771,049,766	Total des arrivages bruts (9 + 11 + 12 + 13).	19
							<u>Utilisation</u>	
							<u>Ventes</u>	
4,773,761	6,781,734				173,647,128	167,680,927	Domestique .....	20
5,581,579	7,165,177				132,649,760	120,841,048	Commercial .....	21
36,233,681	41,056,389				354,648,262	324,083,830	Industriel .....	22
46,589,021	55,003,300				660,945,150	612,605,805	Total des ventes (20 + 21 + 22).	30
56,825,521	59,869,062				566,309,870	488,305,938	Exportations .....	31
1,474,632	2,292,557				11,568,013	7,239,275	Autres livraisons .....	32
104,889,174	117,164,919				1,238,823,033	1,108,151,018	Total des livraisons net- tes (30 + 31 + 32).	33
18,073,603	14,070,340				84,907,517	60,973,508	Livraisons à l'entrepôt de stockage.	34
- 239,942	2,142,688				5,262,115	976,592	Fluctuation du volume de gaz dans le réseau.	35
6,683,371	5,378,633				60,516,755	53,954,649	Gaz consommé dans le réseau	36
5,088,963	6,076,244				- 2,488,638 <sup>F</sup>	- 6,537,489	Fuites et autres pertes .....	37
134,495,169	144,832,824				1,387,020,782 <sup>F</sup>	1,217,518,278	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
							<u>Transferts à</u>	
							Autres provinces .....	40
51,452,114	56,629,875				487,553,320	378,885,393	Distribution par transports (primaire).	41
18,545,110	20,299,346				160,992,640 <sup>F</sup>	174,646,095	Autres services de gaz ....	42
204,492,393	221,762,045				2,035,566,742 <sup>F</sup>	1,771,049,766	Total de l'utilisation (39 + 40 + 41 + 42).	49

(1) Comprend le nivelage des pointes et l'enrichissement.

(2) N'inclus pas 501,353 m.p.c. de gaz naturel exportés par camion-cylindre.

(3) N'inclus pas 969 m.p.c. de gaz naturel importés par camion-citerne au mois d'août.

<sup>F</sup> Revised figures.



TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau Brunswick	Québec	Ontario	Saskat- chewan	
			Mcf. -- Mpc.			
	<u>September 1970</u>					
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	
1b	Processing plants .....	-	-	-	-	
2	<u>By distribution systems</u>					
2a	Fields .....	8,740	13,062	1,216,905	1,657,087	
2b	Processing plants .....	-	-	-	1,765,745	
3	Total (1 + 2) .....	8,740	13,062	1,216,905	3,422,832	
4	Imports .....	-	-	-	-	
5	Other receipts(1) .....	-	-	-	-	
6	Total net receipts (3 + 4 + 5) .....	8,740	13,062	1,216,905	3,422,832	
7	Received from storage .....	-	203,363	338,881	64,175	
9	Total supply of gas utilities (6 + 7) .....	8,740	216,425	1,555,786	3,487,007	
	<u>Disposition</u>					
	<u>Sales</u>					
23	British Columbia .....	-	-	-	-	
24	Alberta .....	-	-	-	-	
25	Saskatchewan .....	-	-	-	2,001,434	
26	Manitoba .....	-	-	-	-	
27	Ontario .....	-	-	1,463,883	-	
28	Québec .....	-	216,425	-	-	
29	New Brunswick .....	3,413	-	-	-	
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	3,413	216,425	1,463,883	2,001,434	
31	Exports .....	-	-	-	-	
32	Other deliveries .....	-	-	-	-	
33	Total net deliveries (30 + 31 + 32) .....	3,413	216,425	1,463,883	2,001,434	
34	Delivered to storage .....	-	-	-	295,543	
35	Line pack fluctuation .....	-	-	-	98	
36	Gas used in system .....	-	-	20,158	180,448	
37	Line losses and unaccounted for .....	5,327	-	71,745	1,009,484	
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	8,740	216,425	1,555,786	3,487,007	

(1) Includes peak shaving and enrichment.



TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia - - Colombie- Britannique	Imports from U.S.A. - - Importations des É.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
<u>Septembre 1970</u>					
<u>Arrivages</u>					
<u>Par réseaux de transport</u>					1
8,551,019	261,819	-	8,812,838	Gisements .....	1a
90,952,144	21,890,954	-	112,843,098	Usines de traitement .....	1b
<u>Par réseaux de distribution</u>					2
8,032,682	-	-	10,928,476	Gisements .....	2a
9,290,439	56,262	-	11,112,446	Usines de traitement .....	2b
116,826,284	22,209,035	-	143,696,858	Total (1 + 2) .....	3
-	-	497,685	497,685	Importations .....	4
3,403	4,963	-	8,366	Autres arrivages(1) .....	5
116,829,687	22,213,998	497,685	144,202,909	Total des arrivages nets (3 + 4 + 5) .....	6
23,496	-	-	629,915	Gaz provenant des stocks .....	7
116,853,183	22,213,998	497,685	144,832,824	Total des arrivages de gaz (6 + 7) .....	9
<u>Utilisation</u>					
<u>Ventes</u>					
879,545	7,807,460	-	8,687,005	Colombie-Britannique .....	23
13,244,764	-	5,590	13,250,354	Alberta .....	24
2,103,952	-	-	4,105,386	Saskatchewan .....	25
2,320,233	-	-	2,320,233	Manitoba .....	26
21,137,598	-	492,202	23,093,683	Ontario .....	27
3,326,801	-	-	3,543,226	Québec .....	28
-	-	-	3,413	Nouveau-Brunswick .....	29
43,012,893	7,807,460	497,792	55,003,300	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
47,301,769	12,567,293	-	59,869,062	Exportations .....	31
2,292,557	-	-	2,292,557	Autres livraisons .....	32
92,607,219	20,374,753	497,792	117,164,919	Total des livraisons nettes (30 + 31 + 32) ....	33
13,774,797	-	-	14,070,340	Livraison à l'entrepôt de stockage .....	34
587,018	1,555,572	-	2,142,688	Fluctuation du volume de gaz dans le réseau .....	35
5,277,880	- 99,853	-	5,378,633	Gaz consommé dans le réseau .....	36
4,606,269	383,526	- 107	6,076,244	Fuites et autres pertes .....	37
116,853,183	22,213,998	497,685	144,832,824	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 4. Sales of Natural Gas

No.		September - 1970 - Septembre					
		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- nomb.					
	<u>Residential</u>						
1	New Brunswick .....	130	1,567	1,657	5,547	1.1	3.35
2	Quebec .....	104,770	200,290	516,278	1,156,081	2.6	2.24
3	Ontario .....	589,504	727,896	2,260,284	3,259,877	3.1	1.44
4	Manitoba .....	113,170	115,230	452,308	519,302	3.9	1.15
5	Saskatchewan .....	122,686	125,171	469,634	616,369	3.8	1.31
6	Alberta .....	277,251	279,707	1,749,137	1,353,544	6.3	0.77
7	British Columbia .....	187,304	217,295	1,332,436	1,771,817	6.1	1.33
8	Canada .....	1,394,815	1,667,156	6,781,734	8,682,537	4.1	1.28
	<u>Commercial</u>						
9	New Brunswick .....	55	55	1,756	3,912	31.9	2.23
10	Quebec .....	9,860	9,860	302,571	338,169	30.7	1.12
11	Ontario .....	69,045	69,045	3,309,854	2,857,414	47.9	0.86
12	Manitoba .....	11,217	11,217	326,245	247,600	29.1	0.76
13	Saskatchewan .....	17,116	17,116	290,347	209,818	17.0	0.72
14	Alberta .....	31,387	31,387	2,127,151	840,119	67.8	0.39
15	British Columbia .....	28,406	28,406	807,253	757,712	28.4	0.94
16	Canada .....	167,086	167,086	7,165,177	5,254,744	42.9	0.73
	<u>Industrial</u>						
17	New Brunswick .....	-	-	-	-	-	-
18	Quebec .....	1,917	1,917	2,724,377	1,329,090	1,421	0.49
19	Ontario .....	8,618	8,618	17,523,545	8,970,859	2,033	0.51
20	Manitoba .....	329	329	1,541,680	455,700	4,686	0.30
21	Saskatchewan .....	654	654	3,345,405	931,116	5,115	0.28
22	Alberta .....	1,212	1,212	9,374,066	1,831,360	7,734	0.20
23	British Columbia .....	388	388	6,547,316	3,006,558	16,875	0.46
24	Canada .....	13,118	13,118	41,056,389	16,524,683	3,130	0.40
25	Firm .....	12,382	12,382	31,840,809	12,875,910	..	..
26	Interruptible .....	736	736	9,215,580	3,648,773	..	..
	<u>Total sales</u>						
27	New Brunswick .....	1,622	1,622	3,413	9,459	2.1	2.77
28	Quebec .....	212,067	212,067	3,543,226	2,823,340	16.7	0.80
29	Ontario .....	805,559	805,559	23,093,683	15,088,150	28.7	0.65
30	Manitoba .....	126,776	126,776	2,320,233	1,222,602	18.3	0.53
31	Saskatchewan .....	142,941	142,941	4,105,386	1,757,303	28.7	0.43
32	Alberta .....	312,306	312,306	13,250,354	4,025,023	42.4	0.30
33	British Columbia .....	246,089	246,089	8,687,005	5,536,087	35.3	0.64
34	Canada .....	1,847,360	1,847,360	55,003,300	30,461,964	29.8	0.55

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes
		No. -- nomb.	Mcf. -- Mpc.	\$
1	Residential .....	10,521	25,036	52,493
2	Commercial .....	2,305	37,617	44,403
3	Industrial .....	8	612	779
4	Total .....	12,834	63,265	97,675

TABLEAU 4. Ventes de gaz naturel

September - 1969 - Septembre					No
Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes		
Space heating -- Chauffage d'habitation	Total				
No. -- nomb.					
				<u>Domestique</u>	
130	1,669	1,979	7,283	Nouveau-Brunswick .....	1
104,093	204,430	653,284	1,598,023	Québec .....	2
572,640	707,303	2,196,974	3,124,203	Ontario .....	3
107,611	109,859	351,558	434,519	Manitoba .....	4
119,412	121,828	397,025	551,134	Saskatchewan .....	5
264,004	266,688	1,746,504	1,327,201	Alberta .....	6
183,311	205,271	1,007,462	1,340,779	Colombie-Britannique .....	7
1,351,201	1,617,048	6,354,786	8,383,142	Canada .....	8
				<u>Commercial</u>	
	66	1,475	3,335	Nouveau-Brunswick .....	9
	10,352	206,012	248,052	Québec .....	10
	65,287	2,654,368	2,520,805	Ontario .....	11
	10,540	263,285	201,751	Manitoba .....	12
	16,719	220,365	182,284	Saskatchewan .....	13
	31,030	1,911,757	771,449	Alberta .....	14
	26,621	699,631	654,374	Colombie-Britannique .....	15
	160,615	5,956,893	4,582,050	Canada .....	16
				<u>Industriel</u>	
	-	-	-	Nouveau-Brunswick .....	17
	2,058	2,998,189	1,371,845	Québec .....	18
	8,183	13,710,300	7,260,902	Ontario .....	19
	300	1,390,284	402,464	Manitoba .....	20
	630	3,276,329	853,720	Saskatchewan .....	21
	931	10,384,820	1,851,634	Alberta .....	22
	345	4,913,904	1,863,640	Colombie-Britannique .....	23
	12,447	36,673,826	13,604,205	Canada .....	24
	11,808	28,364,846	10,361,003	Service continu .....	25
	639	8,308,980	3,243,202	Service qui peut être interrompu .....	26
				<u>Total des ventes</u>	
	1,735	3,454	10,618	Nouveau-Brunswick .....	27
	216,840	3,857,485	3,217,920	Québec .....	28
	780,773	18,561,642	12,905,910	Ontario .....	29
	120,699	2,005,127	1,038,734	Manitoba .....	30
	139,177	3,893,719	1,587,138	Saskatchewan .....	31
	298,649	14,043,081	3,950,284	Alberta .....	32
	232,237	6,620,997	3,858,793	Colombie-Britannique .....	33
	1,790,110	48,985,505	26,569,397	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				No
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- nomb.	Mcf. -- Mpc.	\$		
1,288	4,888	6,926		
450	9,694	11,592	Domestique .....	1
22	33,419	11,590	Commercial .....	2
1,760	48,001	30,108	Industriel .....	3
			Total .....	4

TABLE 6. Operating Statistics: Natural Gas Utilities

TABEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system -- Réseaux de gaz naturel		Total natural gas utilities -- des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
September - 1970 - Septembre:			
Daily average -- Moyenne journalière .....	3,883,298	1,833,443	4,374,509
Maximum(1) .....	4,147,093	...	...
Minimum(1) .....	3,393,588	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	2,172,097	...	...
September - 1969 - Septembre:			
Daily average -- Moyenne journalière .....	3,440,617	1,632,850	3,933,488
Maximum(1) .....	3,804,302	...	...
Minimum(1) .....	3,053,198	...	...
Year to date - 1970 - Année à ce jour:			
Daily average -- Moyenne journalière .....	3,860,305	2,421,045	4,848,830
Maximum(1) .....	4,522,877	...	...
Minimum(1) .....	2,316,945	...	...
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	100,875,317	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,300	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	10,026,085	..	..
End of month (Mcf.) -- À la fin du mois (Mpc) .....	10,353,572	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	30,461,964	..

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition

TABEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas -- Gaz manufacturé	Liquefied petroleum gases -- Gaz de pétrole liquéfiés
	Mcf. -- Mpc.	
Gas receipts -- Arrivages de gaz .....	49,706	62,592
Deliveries to ultimate customers -- Livraison pour consommation .....	48,001	63,265
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	262
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes .....	1,705	- 935
Disposition - Total - de l'utilisation .....	49,706	62,592
Daily average sendout -- Livraison journalière moyenne .....	1,657	2,086
Revenues -- Recettes ..... \$	30,108	97,675

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot  
TABLEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential -- Domestique	Commercial	Industrial -- Industriel	Total
Mcf. -- Mpc.				
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	2,032	2,154	-	4,186
Québec .....	523,378	306,095	2,755,398	3,584,871
Ontario .....	2,297,518	3,364,689	17,815,285	23,477,492
Manitoba .....	461,548	332,766	1,565,693	2,360,007
Saskatchewan .....	468,927	289,922	3,340,026	4,098,875
Alberta .....	1,873,381	2,282,412	9,811,805	13,967,598
British Columbia -- Colombie-Britannique .....	1,396,893	844,605	6,855,039	9,096,537
Canada .....	7,023,677	7,422,643	42,143,246	56,589,566

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia -- Colombie- Britannique	Total	Year to date total -- Depuis le début de l'année
Mcf. -- Mpc.							
Exports -- Exportations .....	146,957	747,533	13,327,345	3,180,492	44,420,170	61,822,497	587,663,022
Imports -- Importations .....	-	491,218	-	5,483	-	496,701	7,980,673

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases -- Gaz de pétrole liquéfiés	Manufactured gas -- Gaz manufacturé
Mcf. -- Mpc.		
Total .....	44,942	23,198



TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port Province et bureau de douane	Exports -- Exportations	Imports -- Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	144,500	-
<u>Ontario</u>		
Cornwall .....	307,237	-
Niagara Falls .....	427,800	-
Ojibway .....	-	492,202
Total .....	735,037	492,202
<u>Manitoba</u>		
Emerson .....	13,053,227	-
<u>Alberta</u>		
Aden .....	1,318,390	-
Carway .....	1,778,645	-
Coutts .....	10	5,483
Total .....	3,097,045	5,483
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	25,608,366	-
Other United States -- Reste des États-Unis .....	3,731,523	-
Huntingdon .....	13,499,364	-
Total .....	42,839,253	-
<u>Canada</u>		
September -- Septembre 1970 .....	59,869,062	497,685
1969 .....	53,606,345	2,540,632
<u>Year to date -- Total cumulatif</u>		
1970 .....	566,309,870	7,999,933
1969 .....	488,305,938	29,630,818
<u>Value -- Valeur</u>		
September -- Septembre 1970 .....	\$ 15,358,916	214,011
1969 .....	\$ 14,526,374	1,101,923

(1) California, Nevada, Arizona, -- Californie.







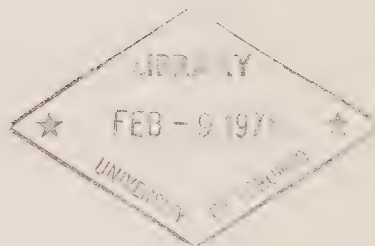


**GAS UTILITIES**  

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**SERVICES DE GAZ**

**OCTOBER - 1970 - OCTOBRE**



Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

January - 1971 - Janvier  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 12—No. 10



#### NOTE TO USER

Definitions of terms and concepts are given in DBS annual publication Catalogue number 57-205.

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La terminologie et les définitions figurent dans la publication annuelle du B.F.S. dont le numéro de catalogue est 57-205.

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- nombres infimes.
- P nombres provisoires.
- r nombres rectifiés.
- x confidentiel en vertu des dispositions de la Loi sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
		Mcf. -- Mpc.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	9,585	14,404	1,248,072	-	3,267,087
2b	Processing plants .....	-	-	-	-	2,817,609
3	Total (1 + 2) .....	9,585	14,404	1,248,072	-	6,084,696
4	Imports .....	-	-	353,841	-	-
5	Other receipts(1) .....	-	-	-	5,595	-
6	Total net receipts (3 + 4 + 5) .....	9,585	14,404	1,601,913	5,595	6,084,696
7	Received from storage .....	-	49,083	570,474	-	213,066
9	Total supply of gas utilities (6 + 7) .....	9,585	63,487	2,172,387	5,595	6,297,762
	<u>Transfers from</u>					
11	Other provinces .....	-	4,474,202	42,918,128	61,239,646	64,282,803
12	Distribution to transport (primary) .....	-	-	913,861	-	4,133,070
13	Other gas utilities .....	-	4,093,093	37,552,999	4,219,760	1,873,434
19	Total gross receipts (9 + 11 + 12 + 13) .....	9,585	8,630,782	83,557,375	65,465,001	76,587,069
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	2,459	958,013	4,456,946	978,803	1,144,943
21	Commercial .....	2,867	419,830	4,805,424	771,543	546,517
22	Industrial .....	-	2,683,254	19,871,339	1,718,779	3,637,362
30	Total sales (20 + 21 + 22) .....	5,326	4,061,097	29,133,709	3,469,125	5,328,822
31	Exports .....	-	204,918	2,126,683	12,430,071	-
32	Other deliveries .....	-	-	243	-	41,819
33	Total net deliveries (30 + 31 + 32) .....	5,326	4,266,015	31,260,635	15,899,196	5,370,641
34	Delivered to storage .....	-	225,567	4,376,985	-	70,432
35	Line pack fluctuation .....	-	-	28,562	1,039,377	1,102,471
36	Gas used in system .....	-	25,775	2,281,692	553,505	1,098,754
37	Line losses and unaccounted for .....	4,259	20,332	2,668,439	835,035	1,690,769
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,585	4,537,689	40,616,313	18,327,113	9,333,067
	<u>Transfers to</u>					
40	Other provinces .....	-	-	4,474,202	42,918,128	61,247,498
41	Distribution by transport (primary) .....	-	4,080,844	34,489,432	4,219,760	1,873,434
42	Other gas utilities .....	-	12,249	3,977,428	-	4,133,070
49	Total disposition (39 + 40 + 41 + 42) .....	9,585	8,630,782	83,557,375	65,465,001	76,587,069

(1) Includes peak shaving and enrichment.

(2) Does not include 969 mcf. of liquid natural gas imported by motor-carrier.

(3) Does not include 26,584 mcf. of liquid natural gas exported by motor-carrier.



TABLEAU 1. Arrivages et utilisation du gaz naturel, par province

Alberta	British Columbia - - Colombie- Britannique	Canada			N <sup>o</sup>
		October 1970 - - Octobre	October 1969 - - Octobre		
		Mcf. -- Mpc.			
<u>Arrivages</u>					
<u>Par réseaux de transport</u>					
9,845,912	371,798	10,217,710	8,791,874		1
91,366,628	24,828,121	116,194,749	103,403,966	Gisements .....	1a
				Usines de traitement .....	1b
<u>Par réseaux de distribution</u>					
10,299,565	-	14,838,713	16,259,414	Gisements .....	2a
10,920,539	81,059	13,819,207	13,922,299	Usines de traitement .....	2b
122,432,644	25,280,978	155,070,379	142,377,553	Total (1 + 2) .....	3
8,986	(2)	362,827	2,007,475	Importations .....	4
4,549	-	10,144	11,204	Autres arrivages(1) .....	5
122,446,179	25,280,978	155,443,350	144,396,232	Total des arrivages nets (3 + 4 + 5) .....	6
303,319	-	1,135,942	5,644,957	Gaz provenant des stocks .....	7
122,749,498	25,280,978	156,579,292	150,041,189	Total des arrivages de gaz (6 + 7) .....	9
<u>Transferts de</u>					
7,852	30,751,753	...	...	Autres provinces .....	11
1,569,654	-	6,616,585	5,834,003	Distribution aux transports (primaire) .....	12
5,777,134	10,333,363	63,849,783	56,591,822	Autres services de gaz .....	13
130,104,138	66,366,094	227,045,660	212,467,014	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
<u>Utilisation</u>					
<u>Ventes</u>					
3,092,689	2,381,753	13,015,606	12,834,027	Domestique .....	20
3,380,956	1,132,901	11,060,038	10,643,309	Commercial .....	21
11,048,304	6,144,446	45,103,484	39,791,941	Industriel .....	22
17,521,949	9,659,100	69,179,128(3)	63,269,277	Total des ventes (20 + 21 + 22) .....	30
3,617,187	43,278,702	61,657,561	61,487,961	Exportations .....	31
2,087,357	-	2,129,419	3,157,918	Autres livraisons .....	32
23,226,493	52,937,802	132,966,108	127,915,156	Total des livraisons nettes (30 + 31 + 32) .....	33
340,666	-	5,013,650	3,853,415	Livraison à l'entrepôt de stockage .....	34
- 29,722	168,277	2,308,965	547,786	Fluctuation du volume de gaz dans le réseau .....	35
971,996	2,165,374	7,097,096	6,194,158	Gaz consommé dans le réseau .....	36
3,213,361	761,278	9,193,473	11,530,674	Fuites et autres pertes .....	37
27,722,794	56,032,731	156,579,292	150,041,189	Total de la demande de gaz (33 + 34 + 35 + 36 + 37) .....	39
<u>Transferts à</u>					
95,034,556	-	...	...	Autres provinces .....	40
1,914,316	10,243,404	56,821,190	50,728,468	Distribution par transports (primaire) .....	41
5,432,472	89,959	13,645,178	11,697,357	Autres services de gaz .....	42
130,104,138	66,366,094	227,045,660	212,467,014	Total de l'utilisation (39 + 40 + 41 + 42) .....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

(2) N'inclus pas 969 m.p.c. de gaz naturel importés par camion-cylindre.

(3) N'inclus pas 26,584 m.p.c. de gaz naturel exportés par camion-cylindre.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January -- Janvier	February -- Février	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	12,340,786	11,062,786	12,166,364	10,503,927	10,832,737	9,108,525	8,464,689
1b	Processing plants .....	123,737,745	113,054,286	123,390,091	116,468,812	111,090,313	101,520,780	103,443,156
2	<u>By distribution systems</u>							
2a	Fields .....	21,246,736	17,256,676	18,728,665	15,187,182	13,006,296	11,032,974	8,700,931
2b	Processing plants .....	15,633,026	12,343,114	13,054,702	11,196,679	10,342,018	9,328,935	9,766,203
3	Total (1 + 2) .....	172,958,293	153,716,862	167,339,822	153,356,600	145,271,364	130,991,214	130,374,979
4	Imports .....	194,577	11,822	526,569	999,464	1,643,925	1,598,389	1,055,472
5	Other receipts(1) .....	388,678	298,919	110,759	- 53,127	3,685	7,561	205,604
6	Total net receipts (3 + 4 + 5).	173,541,548	154,027,603	167,977,150	154,302,937	146,918,974	132,597,164	131,636,055
7	Received from storage .....	18,340,903	13,721,986	10,181,781	2,490,025	273,404	1,135,570	547,689
9	Total supply of gas utilities (6 + 7).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378	133,732,734	132,183,744
	<u>Transfers from</u>							
11	Other provinces .....	...	...	...	...	...	...	...
12	Distribution to transport (primary).	6,436,726	5,398,968	5,973,149	5,239,201	4,421,514	4,557,286	4,213,314
13	Other gas utilities .....	78,503,097	70,605,869	74,302,012	61,463,561	62,311,798	57,537,870	60,655,150
19	Total gross receipts (9 + 11 + 12 + 13).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690	195,827,890	197,052,208
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	40,589,402	35,923,711	31,471,757	25,557,516	14,530,801	8,652,946	5,365,500
21	Commercial .....	27,765,400	25,151,780	22,879,206	19,644,834	11,910,772	7,305,233	5,246,603
22	Industrial .....	40,923,370	39,171,798	42,313,712	42,197,408	40,434,359	37,281,971	35,034,750
30	Total sales (20 + 21 + 22).	109,278,172	100,247,289	96,664,675	87,399,758	66,875,932	53,240,150	45,646,853
31	Exports .....	67,248,736	62,158,508	67,901,264	66,639,064	63,951,720	61,037,764	60,678,231
32	Other deliveries .....	1,798,695	1,601,866	1,654,320	171,465	672,649	1,017,336	884,493
33	Total net deliveries (30 + 31 + 32).	178,325,603	164,007,663	166,220,259	154,210,287	131,500,301	115,295,250	107,209,577
34	Delivered to storage .....	283,309	338,573	275,986	3,813,019	12,855,500	16,462,469	18,734,718
35	Line pack fluctuation .....	328,645	2,536,402	455,677	300,291	228,432	- 978,216	488,138
36	Gas used in system .....	8,579,814	4,346,602	8,582,933	7,836,094	7,319,858	6,463,724	5,325,726
37	Line losses and unaccounted for.	4,365,080	- 3,479,651	2,624,076	- 9,366,729	- 4,711,713	- 3,510,493	425,585
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378	133,732,734	132,183,744
	<u>Transfers to</u>							
40	Other provinces .....	...	...	...	...	...	...	...
41	Distribution by transport (primary).	64,241,071	56,340,663	62,428,784	54,156,440	51,787,560	44,810,680	45,706,133
42	Other gas utilities .....	20,698,752	19,664,174	17,846,377	12,546,322	14,945,752	17,284,476	19,162,331
49	Total disposition (39 + 40 + 41 + 42).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690	195,827,890	197,052,208

(1) Includes peak shaving and enrichment.

(2) Does not include 527,937 Mcf., of liquid natural gas exported by motor carrier.

(3) Does not include 969 Mcf., of liquid natural gas imported by motor carrier.

r Revised figures.

TABLEAU 2. Arrivages et utilisation du gaz naturel, par mois, Canada

August -- Août	September -- Septembre	October -- Octobre	November -- Novembre	December -- Décembre	Year to date -- Total cumulatif			N°
					1970	1969		
Mcf. -- Mpc.								
							<u>Arrivages</u>	
							<u>Par réseaux de transports</u>	1
8,779,257	8,812,838	10,217,710			102,289,619	81,378,379	Gisements .....	1a
106,498,697	112,843,098	116,194,749			1,128,241,727	952,725,953	Usines de traitement .....	1b
							<u>Par réseaux de distribution</u>	2
7,832,450 <sup>r</sup>	10,925,489 <sup>r</sup>	14,838,713			138,856,112 <sup>r</sup>	136,836,163	Gisements .....	2a
9,526,182	11,112,446	13,819,207			116,122,512	116,250,809	Usines de traitement .....	2b
132,636,586 <sup>r</sup>	143,693,871 <sup>r</sup>	155,070,379			1,485,409,970 <sup>r</sup>	1,287,191,304	Total (1 + 2) .....	3
1,472,030	497,684 <sup>r</sup>	362,827			8,362,759(2)	31,638,293	Importations .....	4
38,022	8,366	10,144			1,018,611	719,354	Autres arrivages(1) .....	5
134,146,638 <sup>r</sup>	144,199,921 <sup>r</sup>	155,443,350			1,494,791,340 <sup>r</sup>	1,319,548,951	Total des arrivages nets (3 + 4 + 5).	6
360,897 <sup>r</sup>	629,915	1,135,942			48,818,112 <sup>r</sup>	48,010,516	Gas provenant des stocks ....	7
134,507,535 <sup>r</sup>	144,829,836 <sup>r</sup>	156,579,292			1,543,609,452 <sup>r</sup>	1,367,559,467	Total des arrivages de gaz (6 + 7).	9
							<u>Transferts de</u>	
3,811,910	14,348,378	6,616,585			61,017,031	48,808,287	Autres provinces .....	11
67,874,804	62,580,843	63,849,783			659,684,787	567,149,026	Distribution aux transports (primaire).	12
206,194,249 <sup>r</sup>	221,759,057 <sup>r</sup>	227,045,660			2,264,311,270 <sup>r</sup>	1,983,516,780	Autres services de gaz ....	13
							Total des arrivages bruts (9 + 11 + 12 + 13).	19
							<u>Utilisation</u>	
							<u>Ventes</u>	
4,773,761	6,781,734	13,015,606			186,662,734	180,514,954	Domestique .....	20
5,581,579	7,165,177	11,060,038			143,710,622	131,484,357	Commercial .....	21
36,233,681	41,056,389	45,103,484			399,750,922	363,875,771	Industriel .....	22
46,589,021	55,003,300	69,179,128			730,124,278	675,875,082	Total des ventes (20 + 21 + 22).	30
56,837,144 <sup>r</sup>	59,869,062	61,657,561			627,979,054(3)	549,793,899	Exportations .....	31
1,474,632	2,292,557	2,129,419			13,697,432	10,397,193	Autres livraisons .....	32
104,900,797 <sup>r</sup>	117,164,919	132,966,108			1,371,808,764 <sup>r</sup>	1,236,066,174	Total des livraisons net- tes (30 + 31 + 32).	33
19,908,395 <sup>r</sup>	14,070,340	5,013,650			91,755,959 <sup>r</sup>	64,826,923	Livraisons à l'entrepôt de stockage.	34
- 239,942	2,142,688	2,308,965			7,571,080	1,524,378	Fluctuation du volume de gaz dans le réseau.	35
6,692,750 <sup>r</sup>	5,378,633	7,097,096			67,623,230	60,148,807	Gas consommé dans le réseau	36
3,245,535 <sup>r</sup>	6,073,256 <sup>r</sup>	9,193,473			4,858,419 <sup>r</sup>	4,993,185	Fuites et autres pertes .....	37
134,507,535 <sup>r</sup>	144,829,836 <sup>r</sup>	156,579,292			1,543,609,452 <sup>r</sup>	1,367,559,467	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
							<u>Transferts à</u>	
51,452,114 <sup>r</sup>	56,629,875	56,821,190			544,374,510 <sup>r</sup>	429,613,861	Autres provinces .....	40
20,234,600	20,299,346	13,645,178			176,327,308	186,343,452	Distribution par transports (primaire).	41
206,194,249 <sup>r</sup>	221,759,057 <sup>r</sup>	227,045,660			2,264,311,270 <sup>r</sup>	1,983,516,780	Autres services de gaz ....	42
							Total de l'utilisation (39 + 40 + 41 + 42).	49

(1) Comprend le nivelage des pointes et l'enrichissement.

(2) N'inclus pas 969 m.p.c. de gaz naturel importés par camion-cylindre.

(3) N'inclus pas 527,937 m.p.c. de gaz naturel exportés par camion-cylindre.

(<sup>r</sup>) Chiffres révisés.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Saskatchewan
		Mcf. -- Mpc.			
	<u>October 1970</u>				
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	9,585	14,404	1,248,072	3,267,087
2b	Processing plants .....	-	-	-	2,817,609
3	Total (1 + 2) .....	9,585	14,404	1,248,072	6,084,696
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	-	-
6	Total net receipts (3 + 4 + 5) .....	9,585	14,404	1,248,072	6,084,696
7	Received from storage .....	-	49,083	570,474	213,066
9	Total supply of gas utilities (6 + 7) .....	9,585	63,487	1,818,546	6,297,762
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	7,852
25	Saskatchewan .....	-	-	-	2,226,136
26	Manitoba .....	-	-	-	2,259,636
27	Ontario .....	-	-	1,471,625	-
28	Québec .....	-	63,487	-	-
29	New Brunswick .....	5,326	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	5,326	63,487	1,471,625	4,493,624
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	41,819
33	Total net deliveries (30 + 31 + 32) .....	5,326	63,487	1,471,625	4,535,443
34	Delivered to storage .....	-	-	-	70,432
35	Line pack fluctuation .....	-	-	-	15,328
36	Gas used in system .....	-	-	22,147	187,205
37	Line losses and unaccounted for .....	4,259	-	324,774	1,520,010
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	9,585	63,487	1,818,546	6,297,762

(1) Includes peak shaving and enrichment.



TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia -- Colombie- Britannique	Imports from U.S.A. -- Importations des É.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
				<u>Octobre 1970</u>	
				<u>Arrivages</u>	
				<u>Par réseaux de transport</u>	1
9,845,912	371,798	-	10,217,710	Gisements .....	1a
91,366,628	24,828,121	-	116,194,749	Usines de traitement .....	1b
				<u>Par réseaux de distribution</u>	2
10,299,565	-	-	14,838,713	Gisements .....	2a
10,920,539	81,059	-	13,819,207	Usines de traitement .....	2b
122,432,644	25,280,978	-	155,070,379	Total (1 + 2) .....	3
-	-	362,827	362,827	Importations .....	4
10,144	-	-	10,144	Autres arrivages(1) .....	5
122,442,788	25,280,978	362,827	155,443,350	Total des arrivages nets (3 + 4 + 5) .....	6
303,319	-	-	1,135,942	Gaz provenant des stocks .....	7
122,746,107	25,280,978	362,827	156,579,292	Total des arrivages de gaz (6 + 7) .....	9
				<u>Utilisation</u>	
				<u>Ventes</u>	
1,125,916	8,533,184	-	9,659,100	Colombie-Britannique .....	23
17,505,263	-	8,834	17,521,949	Alberta .....	24
3,102,686	-	-	5,328,822	Saskatchewan .....	25
1,209,489	-	-	3,469,125	Manitoba .....	26
27,308,243	-	353,841	29,133,709	Ontario .....	27
3,997,610	-	-	4,061,097	Québec .....	28
-	-	-	5,326	Nouveau-Brunswick .....	29
54,249,207	8,533,184	362,675	69,179,128	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
47,491,292	14,166,269	-	61,657,561	Exportations .....	31
2,087,600	-	-	2,129,419	Autres livraisons .....	32
103,828,099	22,699,453	362,675	132,966,108	Total des livraisons nettes (30 + 31 + 32) ....	33
4,943,218	-	-	5,013,650	Livraison à l'entrepôt de stockage .....	34
2,168,179	156,114	-	2,308,965	Fluctuation du volume de gaz dans le réseau .....	35
5,021,195	1,866,549	-	7,097,096	Gaz consommé dans le réseau .....	36
6,785,416	558,862	152	9,193,473	Fuites et autres pertes .....	37
122,746,107	25,280,978	362,827	156,579,292	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 4. Sales of Natural Gas

No.		October - 1970 - Octobre					
		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- nomb.					
<u>Residential</u>							
1	New Brunswick .....	130	1,558	2,459	9,097	1.6	3.70
2	Quebec .....	105,255	200,537	958,013	1,746,414	4.8	1.82
3	Ontario .....	595,143	733,800	4,456,946	6,058,411	6.1	1.36
4	Manitoba .....	113,887	115,952	978,803	919,085	8.4	0.94
5	Saskatchewan .....	123,561	126,063	1,144,943	1,078,374	9.1	0.94
6	Alberta .....	279,392	281,935	3,092,689	1,910,649	11.0	0.62
7	British Columbia .....	189,026	219,466	2,381,753	3,098,472	10.9	1.30
8	Canada .....	1,406,394	1,679,311	13,015,606	14,820,502	7.8	1.14
<u>Commercial</u>							
9	New Brunswick .....		55	2,867	5,450	52.1	1.90
10	Quebec .....		9,934	49,830	481,245	42.3	1.15
11	Ontario .....		70,132	4,805,424	4,088,069	68.5	0.85
12	Manitoba .....		11,277	771,543	546,543	68.4	0.71
13	Saskatchewan .....		17,196	546,517	363,299	31.8	0.66
14	Alberta .....		31,579	3,380,956	1,290,385	107.1	0.38
15	British Columbia .....		28,731	1,132,901	1,052,675	39.4	0.93
16	Canada .....		168,904	11,060,038	7,827,666	65.5	0.71
<u>Industrial</u>							
17	New Brunswick .....		-	-	-	-	-
18	Quebec .....		1,908	2,683,254	1,383,839	1,406	0.52
19	Ontario .....		8,710	19,871,339	10,331,382	2,281	0.52
20	Manitoba .....		328	1,718,779	504,798	5,240	0.29
21	Saskatchewan .....		657	3,637,362	1,021,910	5,536	0.28
22	Alberta .....		1,093	11,048,304	2,140,896	10,108	0.19
23	British Columbia .....		392	6,144,446	2,728,687	15,675	0.44
24	Canada .....		13,088	45,103,484	18,111,512	3,446	0.40
25	Firm .....		12,330	34,738,707	13,970,343	..	..
26	Interruptible .....		758	10,364,777	4,141,169	..	..
<u>Total sales</u>							
27	New Brunswick .....		1,613	5,326	14,547	3.3	2.73
28	Quebec .....		212,379	4,061,097	3,611,498	19.1	0.89
29	Ontario .....		812,642	29,133,709	20,477,862	35.9	0.70
30	Manitoba .....		127,557	3,469,125	1,970,426	27.2	0.57
31	Saskatchewan .....		143,916	5,328,822	2,463,583	37.0	0.46
32	Alberta .....		314,607	17,521,949	5,341,930	55.7	0.30
33	British Columbia .....		248,589	9,659,100	6,879,834	38.9	0.71
34	Canada .....		1,861,303	69,179,128	40,759,680	37.2	0.59

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes
		No. -- nomb.	Mcf. -- Mpc.	\$
1	Residential .....	10,458	35,180	71,381
2	Commercial .....	2,303	37,559	45,394
3	Industrial .....	7	438	584
4	Total .....	12,768	73,177	117,359



TABLEAU 4. Ventes de gaz naturel

October - 1969 - Octobre					
Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes		
Space heating -- Chauffage d'habitation	Total				
No. -- nomb.		Mcf. -- Mpc.	\$		No
				<u>Domestique</u>	
130	1,677	2,303	7,686	Nouveau-Brunswick .....	1
104,808	204,545	1,101,506	1,788,983	Québec .....	2
578,384	713,546	4,384,417	5,943,761	Ontario .....	3
108,836	111,041	1,033,269	953,548	Manitoba .....	4
121,453	123,912	937,002	1,299,704	Saskatchewan .....	5
267,686	270,344	3,377,150	1,996,907	Alberta .....	6
184,128	207,206	1,998,380	2,599,383	Colombie-Britannique .....	7
1,365,425	1,632,271	12,834,027	14,589,972	Canada .....	8
				<u>Commercial</u>	
	65	1,567	3,960	Nouveau-Brunswick .....	9
	10,227	428,060	461,208	Québec .....	10
	66,227	4,416,639	3,810,530	Ontario .....	11
	10,623	789,260	551,986	Manitoba .....	12
	17,021	543,627	450,060	Saskatchewan .....	13
	30,242	3,485,417	1,327,735	Alberta .....	14
	27,039	978,739	902,954	Colombie-Britannique .....	15
	161,444	10,643,309	7,508,433	Canada .....	16
				<u>Industriel</u>	
	-	-	-	Nouveau-Brunswick .....	17
	2,042	2,871,629	1,448,542	Québec .....	18
	8,418	16,622,781	8,898,617	Ontario .....	19
	306	1,578,025	461,096	Manitoba .....	20
	635	4,058,215	1,060,930	Saskatchewan .....	21
	938	10,921,659	1,918,298	Alberta .....	22
	349	3,739,632	1,453,916	Colombie-Britannique .....	23
	12,688	39,791,941	15,241,399	Canada .....	24
	12,021	30,470,968	11,613,507	Service continu .....	25
	667	9,320,973	3,627,892	Service qui peut être interrompu .....	26
				<u>Total des ventes</u>	
	1,742	3,870	11,646	Nouveau-Brunswick .....	27
	216,814	4,401,195	3,698,733	Québec .....	28
	788,191	25,423,837	18,652,908	Ontario .....	29
	121,970	3,400,554	1,966,630	Manitoba .....	30
	141,568	5,538,844	2,810,694	Saskatchewan .....	31
	301,524	17,784,226	5,242,940	Alberta .....	32
	234,594	6,716,751	4,956,253	Colombie-Britannique .....	33
	1,806,403	63,269,277	37,339,804	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				No
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- nomb.	Mcf. -- Mpc.	\$		
1,280	3,764	4,815	Domestique .....	1
443	9,309	10,997	Commercial .....	2
22	26,332	9,267	Industriel .....	3
1,745	39,405	25,079	Total .....	4

TABLE 6. Operating Statistics: Natural Gas Utilities  
TABLEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system Réseaux de gaz naturel		Total natural gas utilities des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
October - 1970 - Octobre:			
Daily average -- Moyenne journalière .....	3,821,895	2,231,585	4,450,960
Maximum(1) .....	4,210,265	...	...
Minimum(1) .....	2,701,002	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	2,157,049	...	...
October - 1969 - Octobre:			
Daily average -- Moyenne journalière .....	3,619,885	2,040,944	4,250,599
Maximum(1) .....	3,956,845	...	...
Minimum(1) .....	3,154,281	...	...
Year to date - 1970 - Année à ce jour:			
Daily average -- Moyenne journalière .....	3,856,426	2,401,725	4,814,331
Maximum(1) .....	4,522,877	...	...
Minimum(1) .....	2,316,945	...	...
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	104,655,800	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,386	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) :.....	10,353,572	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	10,551,565	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	40,759,680	..

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition  
TABLEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas Gaz manufacturé	Liquefied petroleum gases Gaz de pétrole liquéfiés
Mcf. -- Mpc.		
Gas receipts -- Arrivages de gaz .....	41,821	80,502
Deliveries to ultimate customers -- Livraison pour consommation .....	39,405	73,177
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	505
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes .....	2,416	6,820
Disposition - Total - de l'utilisation .....	41,821	80,502
Daily average sendout -- Livraison journalière moyenne .....	1,349	2,597
Revenues -- Recettes ..... \$	25,079	117,359

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot  
TABLEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential - - Domestique	Commercial	Industrial - - Industriel	Total
	Mcf. -- Mpc.			
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	3,041	3,546	-	6,587
Québec .....	969,258	424,589	2,714,558	4,108,405
Ontario .....	4,519,042	4,873,666	20,142,719	29,535,427
Manitoba .....	996,523	785,207	1,741,587	3,523,317
Saskatchewan .....	1,143,174	545,698	3,631,514	5,320,386
Alberta .....	3,271,327	3,597,398	11,996,385	18,865,110
British Columbia -- Colombie-Britannique .....	2,498,594	1,181,899	6,288,931	9,969,424
Canada .....	13,400,959	11,412,003	46,515,694	71,328,656

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia - - Colombie- Britannique	Total	Year to date total - - Depuis le début de l'année
	Mcf. -- Mpc.						
Exports -- Exportations .....	207,992	2,158,583	12,591,662	3,735,637	44,972,465	63,666,339	651,329,594
Imports -- Importations .....	-	351,364	-	8,986	-	360,350	8,341,023

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases - - Gaz de pétrole liquéfiés	Manufactured gas - - Gaz manufacturé
	Mcf. -- Mpc.	
Total .....	52,375	18,977

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port -- Province et bureau de douane	Exports -- Exportations	Imports -- Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	204,918	-
<u>Ontario</u>		
Cornwall .....	370,788	-
Niagara Falls .....	1,755,895	-
Ojibway .....	-	353,841
Total .....	2,126,683	353,841
<u>Manitoba</u>		
Emerson .....	12,430,071	-
<u>Alberta</u>		
Aden .....	1,459,961	-
Carway .....	2,157,216	-
Coutts .....	10	8,986
Total .....	3,617,187	8,986
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	23,815,564	-
Other United States -- Reste des États-Unis .....	4,427,414	-
Huntingdon .....	15,035,724	-
Total .....	43,278,702	-
<u>Canada</u>		
October -- Octobre 1970 .....	61,657,561	362,827
1969 .....	54,227,290	2,007,475
<u>Year to date -- Total cumulatif</u>		
1970 .....	627,979,054	8,362,759
1969 .....	549,793,899	31,638,293
<u>Value - - Valeur</u>		
1970 .....	\$ 16,292,726	157,660
1969 .....	\$ 16,373,157	866,432

(1) California, Nevada, Arizona, -- Californie.





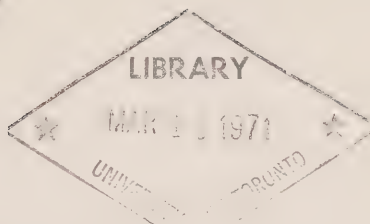


CATALOGUE No.

55-002

MONTHLY - MENSUEL

Publication



# GAS UTILITIES

## SERVICES DE GAZ

NOVEMBER - 1970 - NOVEMBRE

Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

February - 1971 - Février  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 12—No. 11

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La terminologie et les définitions figurent dans la publication annuelle du B.F.S. dont le numéro de catalogue est 57-205.

#### SYMBOLS

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- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed
- P preliminary figures.
- r revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

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Les signes conventionnels suivants sont employés uniformément dans les publications du Bureau fédéral de la statistique:

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- ... n'ayant pas lieu de figurer.
- néant ou zéro.
- nombres infimes.
- P nombres provisoires.
- r nombres rectifiés.
- x confidentiel en vertu des dispositions de la Loi sur la statistique relatives au secret.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

No.		Mcf. -- Mpc.				
		New Brunswick -- Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	10,699	15,765	1,302,333	-	3,645,472
2b	Processing plants .....	-	-	-	-	1,689,657
3	Total (1 + 2) .....	10,699	15,765	1,302,333	-	5,335,129
4	Imports .....	-	-	1,031,659	-	-
5	Other receipts(1) .....	-	-	-	9,470	275,663
6	Total net receipts (3 + 4 + 5) .....	10,699	15,765	2,333,902	9,470	5,610,792
7	Received from storage .....	-	93,193	6,170,794	-	574,162
9	Total supply of gas utilities (6 + 7) .....	10,699	108,958	8,504,696	9,470	6,184,954
	<u>Transfers from</u>					
11	Other provinces .....	-	5,102,351	44,346,210	69,747,912	74,148,037
12	Distribution to transport (primary) .....	-	-	-	-	3,867,687
13	Other gas utilities .....	-	4,615,360	38,324,625	5,642,410	3,863,892
19	Total gross receipts (9 + 11 + 12 + 13) .....	10,699	9,826,669	91,175,531	75,399,792	88,064,570
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	2,257	1,419,195	7,486,107	1,637,540	1,820,294
21	Commercial .....	2,800	579,366	6,938,911	1,311,626	1,030,218
22	Industrial .....	-	2,608,787	20,948,850	1,611,633	3,450,578
30	Total sales (20 + 21 + 22) .....	5,057	4,607,348	35,373,868	4,560,799	6,301,090
31	Exports .....	-	255,185	4,353,634	19,408,306	-
32	Other deliveries .....	-	-	122,973	-	43,349
33	Total net deliveries (30 + 31 + 32) .....	5,057	4,862,533	39,850,475	23,969,105	6,344,439
34	Delivered to storage .....	-	139,773	69,395	-	599,871
35	Line pack fluctuation .....	-	-	8,063	- 532,229	48,213
36	Gas used in system .....	-	27,793	2,756,948	665,526	1,295,979
37	Line losses and unaccounted for .....	5,642	181,210	5,063,674	1,308,770	2,296,577
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37). .....	10,699	5,211,309	47,748,555	25,411,172	10,585,079
	<u>Transfers to</u>					
40	Other provinces .....	-	-	5,102,351	44,346,210	69,747,912
41	Distribution by transport (primary) .....	-	-	32,535,359	5,642,410	3,863,892
42	Other gas utilities .....	-	4,615,360	5,789,266	-	3,867,687
49	Total disposition (39 + 40 + 41 + 42) .....	10,699	9,826,669	91,175,531	75,399,792	88,064,570

(1) Includes peak shaving and enrichment.

(2) Does not include 969 M.c.f. of liquid natural gas imported by motor-carrier.

(3) Does not include 90,513 M.c.f. of liquid natural gas exported by motor-carrier.

TABEAU 1. Arrivages et utilisation du gaz naturel, par province

Alberta	British Columbia - Colombie- Britannique	Canada			N°
		November 1970 -- Novembre	November 1969 -- Novembre		
		Mcf. -- Mpc.			
<u>Arrivages</u>					
<u>Par réseaux de transport</u>					
8,662,936	269,829	8,932,765	9,018,636	Gisements .....	1a
105,033,462	25,228,012	130,261,474	113,545,861	Usines de traitement .....	1b
<u>Par réseaux de distribution</u>					
12,779,084	-	17,753,411	16,488,275	Gisements .....	2a
12,950,067	140,944	14,780,668	12,812,634	Usines de traitement .....	2b
139,425,549	25,638,785	171,728,260	151,865,406	Total (1 + 2) .....	3
12,885	(2)	1,044,454	1,636,616	Importations .....	4
6,621	84	291,838	69,867	Autres arrivages(1) .....	5
139,445,055	25,638,869	173,064,552	153,571,889	Total des arrivages nets (3 + 4 + 5) .....	6
632,792	-	7,470,941	5,685,340	Gaz provenant des stocks .....	7
140,077,847	25,638,869	180,535,493	159,257,229	Total des arrivages de gaz (6 + 7) .....	9
<u>Transferts de</u>					
-	32,801,638	...	...	Autres provinces .....	11
975,987	-	4,843,674	13,788,848	Distribution aux transports (primaire) .....	12
6,857,701	11,133,181	70,437,169	54,034,122	Autres services de gaz .....	13
147,911,535	69,573,688	255,816,336	227,080,199	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
<u>Utilisation</u>					
<u>Ventes</u>					
5,745,091	3,131,260	21,241,744	21,553,396	Domestique .....	20
5,540,558	1,755,505	17,158,984	15,896,923	Commercial .....	21
11,133,881	5,366,469	45,120,198	39,051,596	Industriel .....	22
22,419,530	10,253,234	83,520,926	76,501,915	Total des ventes (20 + 21 + 22) .....	30
3,829,763	44,793,422	72,640,310(3)	63,599,152	Exportations .....	31
2,465,072	-	2,631,394	1,536,849	Autres livraisons .....	32
28,714,365	55,046,656	158,792,630	141,637,916	Total des livraisons nettes (30 + 31 + 32) .....	33
-	-	809,039	1,312,308	Livraison à l'entrepôt de stockage .....	34
- 29,348	- 30,927	- 536,228	1,165,617	Fluctuation du volume de gaz dans le réseau .....	35
1,298,297	2,154,901	8,199,444	7,067,375	Gaz consommé dans le réseau .....	36
3,144,858	1,269,877	13,270,608	8,074,013	Fuites et autres pertes .....	37
33,128,172	58,440,507	180,535,493	159,257,229	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
<u>Transferts à</u>					
106,949,675	-	...	...	Autres provinces .....	40
4,908,702	10,970,118	57,920,481	53,496,682	Distribution par transports (primaire) .....	41
2,924,986	163,063	17,360,362	14,326,288	Autres services de gaz .....	42
147,911,535	69,573,688	255,816,336	227,080,199	Total de l'utilisation (39 + 40 + 41 + 42) .....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

(2) N'inclus pas 969 m.p.c. de gaz naturel importés par camion-cylindre.

(3) N'inclus pas 90,513 m.p.c. de gaz naturel exportés par camion-cylindre.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January -- Janvier	February -- Février	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	12,340,786	11,062,786	12,166,364	10,503,927	10,832,737	9,108,525	8,464,689
1b	Processing plants .....	123,737,745	113,054,286	123,390,091	116,468,812	111,090,313	101,520,780	103,443,156
2	<u>By distribution systems</u>							
2a	Fields .....	21,246,736	17,256,676	18,728,665	15,187,182	13,006,296	11,032,974	8,700,931
2b	Processing plants .....	15,633,026	12,343,114	13,054,702	11,196,679	10,342,018	9,328,935	9,766,203
3	Total (1 + 2) .....	172,958,293	153,716,862	167,339,822	153,356,600	145,271,364	130,991,214	130,374,979
4	Imports .....	194,577	11,822	526,569	999,464	1,643,925	1,598,389	1,055,472
5	Other receipts(1) .....	388,678	298,919	110,759	- 53,127	3,685	7,561	205,604
6	Total net receipts (3 + 4 + 5).	173,541,548	154,027,603	167,977,150	154,302,937	146,918,974	132,597,164	131,636,055
7	Received from storage .....	18,340,903	13,721,986	10,181,781	2,490,025	273,404	1,135,570	547,689
9	Total supply of gas utilities (6 + 7).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378	133,732,734	132,183,744
	<u>Transfers from</u>							
11	Other provinces .....	...	...	...	...	...	...	...
12	Distribution to transport (primary).	6,436,726	5,398,968	5,973,149	5,239,201	4,421,514	4,557,286	4,213,314
13	Other gas utilities .....	78,503,097	70,605,869	74,302,012	61,463,561	62,311,798	57,537,870	60,655,150
19	Total gross receipts (9 + 11 + 12 + 13).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690	195,827,890	197,052,208
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	40,589,402	35,923,711	31,471,757	25,557,516	14,530,801	8,652,946	5,365,500
21	Commercial .....	27,765,400	25,151,780	22,879,206	19,644,834	11,910,772	7,305,233	5,246,603
22	Industrial .....	40,923,370	39,171,798	42,313,712	42,197,408	40,434,359	37,281,971	35,034,750
30	Total sales (20 + 21 + 22).	109,278,172	100,247,289	96,664,675	87,399,758	66,875,932	53,240,150	45,646,853
31	Exports .....	67,248,736	62,158,508	67,901,264	66,639,064	63,951,720	61,037,764	60,678,231
32	Other deliveries .....	1,798,695	1,601,866	1,654,320	171,465	672,649	1,017,336	884,493
33	Total net deliveries (30 + 31 + 32).	178,325,603	164,007,663	166,220,259	154,210,287	131,500,301	115,295,250	107,209,577
34	Delivered to storage .....	283,309	338,573	275,986	3,813,019	12,855,500	16,462,469	18,734,718
35	Line pack fluctuation .....	328,645	2,536,402	455,677	300,291	228,432	- 978,216	488,138
36	Gas used in system .....	8,579,814	4,346,602	8,582,933	7,836,094	7,319,858	6,463,724	5,325,726
37	Line losses and unaccounted for.	4,365,080	- 3,479,651	2,624,076	- 9,366,729	- 4,711,713	- 3,510,493	425,585
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378	133,732,734	132,183,744
	<u>Transfers to</u>							
40	Other provinces .....	...	...	...	...	...	...	...
41	Distribution by transport (primary).	64,241,071	56,340,663	62,428,784	54,156,440	51,787,560	44,810,680	45,706,133
42	Other gas utilities .....	20,698,752	19,664,174	17,846,377	12,546,322	14,945,752	17,284,476	19,162,331
49	Total disposition (39 + 40 + 41 + 42).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690	195,827,890	197,052,208

(1) Includes peak shaving and enrichment.

(2) Does not include 969 Mcf., of liquid natural gas imported by motor carrier.

(3) Does not include 618,450 Mcf. of liquid natural gas exported by motor carrier.



TABLEAU 2. Arrivages et utilisation du gaz naturel, par mois, Canada

August -- Août	September -- Septembre	October -- Octobre	November -- Novembre	December -- Décembre	Year to date -- Total cumulatif			No
					1970	1969		
Mcf. -- Mpc.								
							<u>Arrivages</u>	
							<u>Par réseaux de transports</u>	1
8,779,257	8,812,838	10,217,710	8,932,765		111,222,384	90,397,015	Gisements .....	1a
106,498,697	112,843,098	116,194,749	130,261,474		1,258,503,201	1,066,271,814	Usines de traitement .....	1b
							<u>Par réseaux de distribution</u>	2
7,832,450	10,925,489	14,838,713	17,753,353		156,509,465	153,324,438	Gisements .....	2a
9,526,182	11,112,446	13,819,207	14,780,668		130,903,180	129,063,443	Usines de traitement .....	2b
132,636,586	143,693,871	155,070,379	171,728,260		1,657,138,230	1,439,056,710	Total (1 + 2) .....	3
1,472,030	497,684	362,827	1,044,454		9,407,213 <sup>2</sup>	33,274,909	Importations .....	4
38,022	8,366	10,144	291,838		1,310,449	789,221	Autres arrivages(1) .....	5
134,146,638	144,199,921	155,443,350	173,064,552		1,667,855,892	1,473,120,840	Total des arrivages nets (3 + 4 + 5).	6
360,897	629,915	1,135,942	7,470,941		56,289,053	53,695,856	Gas provenant des stocks ....	7
134,507,535	144,829,836	156,579,292	180,535,493		1,724,144,945	1,526,816,696	Total des arrivages de gaz (6 + 7).	9
							<u>Transferts de</u>	
3,811,910	14,348,378	6,616,585	4,843,674		65,860,705	62,597,135	Autres provinces .....	11
67,874,804	62,580,843	63,849,783	70,437,169		730,121,956	621,183,148	Distribution aux transports (primaire).	12
206,194,249	221,759,057	227,045,660	255,816,336		2,520,127,606	2,210,596,979	Autres services de gaz ....	13
							Total des arrivages bruts (9 + 11 + 12 + 13).	19
							<u>Utilisation</u>	
							<u>Ventes</u>	
4,773,761	6,781,734	13,015,606	21,241,744		207,904,478	202,068,350	Domestique .....	20
5,581,579	7,165,177	11,060,038	17,158,984		160,869,606	147,381,280	Commercial .....	21
36,233,681	41,056,389	45,103,484	45,120,198		444,871,120	402,927,367	Industriel .....	22
46,589,021	55,003,300	69,179,128	83,520,926		813,645,204	752,376,997	Total des ventes (20 + 21 + 22).	30
56,837,144	59,869,062	61,657,561	72,640,310		700,619,364 <sup>3</sup>	613,393,051	Exportations .....	31
1,474,632	2,292,557	2,129,419	2,631,394		16,328,826	11,934,042	Autres livraisons .....	32
104,900,797	117,164,919	132,966,108	158,792,630		1,530,593,394	1,377,704,090	Total des livraisons net- tes (30 + 31 + 32).	33
19,908,395	14,070,340	5,013,650	809,039		92,564,998	66,139,231	Livraisons à l'entrepôt de stockage.	34
- 239,942	2,142,688	2,308,965	- 536,228		7,034,852	2,689,995	Fluctuation du volume de gaz dans le réseau.	35
6,692,750	5,378,633	7,097,096	8,199,444		75,822,674	67,216,182	Gas consommé dans le réseau	36
3,245,535	6,073,256	9,193,473	13,270,608		18,129,027	13,067,198	Fuites et autres pertes .....	37
134,507,535	144,829,836	156,579,292	180,535,493		1,724,144,945	1,526,816,696	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
							<u>Transferts à</u>	
51,452,114	56,629,875	56,821,190	57,920,481		602,294,991	483,110,543	Autres provinces .....	40
20,234,600	20,299,346	13,645,178	17,360,362		193,687,670	200,669,740	Distribution par transports (primaire).	41
206,194,249	221,759,057	227,045,660	255,816,336		2,520,127,606	2,210,596,979	Autres services de gaz ....	42
							Total de l'utilisation (39 + 40 + 41 + 42).	49

(1) Comprend le nivelage des pointes et l'enrichissement.

(2) N'inclus pas 969 m.p.c. de gaz naturel importés par camion-cylindre.

(3) N'inclus pas 618,450 m.p.c. de gaz naturel exportés par camion-cylindre.

TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau- Brunswick	Québec	Ontario	Saskat- chewan
		Mcf. -- Mpc.			
	<u>November 1970</u>				
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	10,699	15,765	1,302,333	3,645,472
2b	Processing plants .....	-	-	-	1,689,657
3	Total (1 + 2) .....	10,699	15,765	1,302,333	5,335,129
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	-	-
6	Total net receipts (3 + 4 + 5) .....	10,699	15,765	1,302,333	5,335,129
7	Received from storage .....	-	93,193	6,170,794	574,162
9	Total supply of gas utilities (6 + 7) .....	10,699	108,958	7,473,127	5,909,291
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	3,195,871
26	Manitoba .....	-	-	-	3,795
27	Ontario .....	-	-	6,769,377	-
28	Québec .....	-	108,958	-	-
29	New Brunswick .....	5,057	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	5,057	108,958	6,769,377	3,199,666
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	43,349
33	Total net deliveries (30 + 31 + 32) .....	5,057	108,958	6,769,377	3,243,015
34	Delivered to storage .....	-	-	-	599,871
35	Line pack fluctuation .....	-	-	-	22,009
36	Gas used in system .....	-	-	37,291	204,643
37	Line losses and unaccounted for .....	5,642	-	666,459	1,839,753
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	10,699	108,958	7,473,127	5,909,291

(1) Includes peak shaving and enrichment.

TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia -- Colombie- Britannique	Imports from U.S.A. -- Importations des É.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
Novembre 1970					
Arrivages					
Par réseaux de transport					1
8,662,936	269,829	-	8,932,765	Gisements .....	1a
105,033,462	25,228,012	-	130,261,474	Usines de traitement .....	1b
Par réseaux de distribution					2
12,779,084	-	-	17,753,353	Gisements .....	2a
12,950,067	140,944	-	14,780,668	Usines de traitement .....	2b
139,425,549	25,638,785	-	171,728,260	Total (1 + 2) .....	3
-	-	1,044,454	1,044,454	Importations .....	4
291,754	84	-	291,838	Autres arrivages(1) .....	5
139,717,303	25,638,869	1,044,454	173,064,552	Total des arrivages nets (3 + 4 + 5) .....	6
632,792	-	-	7,470,941	Gaz provenant des stocks .....	7
140,350,095	25,638,869	1,044,454	180,535,493	Total des arrivages de gaz (6 + 7) .....	9
Utilisation					
Ventes					
1,020,161	9,233,073	-	10,253,234	Colombie-Britannique .....	23
22,405,847	-	13,683	22,419,530	Alberta .....	24
3,105,219	-	-	6,301,090	Saskatchewan .....	25
4,557,004	-	-	4,560,799	Manitoba .....	26
27,572,922	-	1,031,569	35,373,868	Ontario .....	27
4,498,390	-	-	4,607,348	Québec .....	28
-	-	-	5,057	Nouveau-Brunswick .....	29
63,159,543	9,233,073	1,045,252	83,520,926	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
58,966,994	13,673,316	-	72,640,310	Exportations .....	31
2,588,045	-	-	2,631,394	Autres livraisons .....	32
124,714,582	22,906,389	1,045,252	158,792,630	Total des livraisons nettes (30 + 31 + 32) ...	33
209,168	-	-	809,039	Livraison à l'entrepôt de stockage .....	34
- 521,883	- 36,354	-	- 536,228	Fluctuation du volume de gaz dans le réseau .....	35
6,102,769	1,854,741	-	8,199,444	Gaz consommé dans le réseau .....	36
9,845,459	914,093	- 798	13,270,608	Fuites et autres pertes .....	37
140,350,095	25,638,869	1,044,454	180,535,493	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 4. Sales of Natural Gas

No.		November - 1970 - Novembre					
		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- nomb.		Mcf. -- Mpc.	\$	Mcf. -- Mpc.	\$
	<u>Residential</u>						
1	New Brunswick .....	130	1,544	2,257	8,350	1.6	3.70
2	Quebec .....	105,915	201,031	1,419,195	2,299,575	7.1	1.62
3	Ontario .....	599,802	742,291	7,486,107	9,394,723	10.1	1.25
4	Manitoba .....	114,687	116,753	1,637,540	1,425,772	14.0	0.87
5	Saskatchewan .....	124,987	127,519	1,820,294	1,501,314	14.3	0.82
6	Alberta .....	281,524	298,120	5,745,091	2,994,676	19.3	0.52
7	British Columbia .....	190,111	221,186	3,131,260	3,978,483	14.2	1.27
8	Canada .....	1,417,156	1,708,444	21,241,744	21,602,893	12.4	1.02
	<u>Commercial</u>						
9	New Brunswick .....	55	55	2,800	5,292	50.9	1.89
10	Quebec .....	10,039	10,039	579,366	659,031	57.7	1.14
11	Ontario .....	71,229	71,229	6,938,911	5,973,004	97.4	0.86
12	Manitoba .....	11,286	11,286	1,311,626	896,466	116.2	0.68
13	Saskatchewan .....	17,499	17,499	1,030,218	617,707	58.9	0.60
14	Alberta .....	44,286	44,286	5,540,558	2,041,573	125.1	0.37
15	British Columbia .....	29,092	29,092	1,755,505	1,623,142	60.3	0.92
16	Canada .....	183,486	183,486	17,158,984	11,816,215	93.5	0.69
	<u>Industrial</u>						
17	New Brunswick .....	-	-	-	-	-	-
18	Quebec .....	1,922	1,922	2,608,787	1,615,104	1,357	0.62
19	Ontario .....	8,829	8,829	20,948,850	11,536,904	2,373	0.55
20	Manitoba .....	330	330	1,611,633	509,193	4,884	0.32
21	Saskatchewan .....	656	656	3,450,578	1,015,141	5,260	0.29
22	Alberta .....	858	858	11,133,881	2,090,103	12,976	0.19
23	British Columbia .....	391	391	5,366,469	2,338,576	13,725	0.44
24	Canada .....	12,986	12,986	45,120,198	19,105,021	3,475	0.42
25	Firm .....	12,235	12,235	35,260,560	15,004,963	..	..
26	Interruptible .....	751	751	9,859,638	4,100,058	..	..
	<u>Total sales</u>						
27	New Brunswick .....	1,599	1,599	5,057	13,642	3.2	2.70
28	Quebec .....	212,992	212,992	4,607,348	4,573,710	21.6	0.99
29	Ontario .....	822,349	822,349	35,373,868	26,904,631	43.0	0.76
30	Manitoba .....	128,369	128,369	4,560,799	2,831,431	35.5	0.62
31	Saskatchewan .....	145,674	145,674	6,301,090	3,134,162	43.3	0.50
32	Alberta .....	343,264	343,264	22,419,530	7,126,352	65.3	0.32
33	British Columbia .....	250,669	250,669	10,253,234	7,940,201	40.1	0.77
34	Canada .....	1,904,916	1,904,916	83,520,926	52,524,129	43.8	0.63

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes
		No. -- nomb.	Mcf. -- Mpc.	\$
1	Residential .....	10,435	40,909	81,427
2	Commercial .....	2,312	47,626	57,789
3	Industrial .....	7	523	689
4	Total .....	12,754	89,058	139,905

TABLEAU 4. Ventes de gaz naturel

November - 1969 - Novembre							
Customers -- Clients		Gas sold - - Gaz vendu	Revenue - - Recettes		No		
Space heating - - Chauffage d'habitation	Total						
No. -- nomb.		Mcf. -- Mpc.	\$				
						<u>Domestique</u>	
130	1,670	2,791	9,400	Nouveau-Brunswick .....	1		
106,501	204,781	1,408,222	2,112,937	Québec .....	2		
584,096	721,663	8,151,425	10,066,338	Ontario .....	3		
109,782	111,972	1,799,518	1,526,644	Manitoba .....	4		
122,430	124,909	2,035,573	1,600,311	Saskatchewan .....	5		
269,733	272,294	5,146,785	2,776,545	Alberta .....	6		
184,916	209,232	3,009,082	4,348,306	Colombie-Britannique .....	7		
1,377,588	1,646,521	21,553,396	22,440,481	Canada .....	8		
				<u>Commercial</u>			
	65	2,043	4,284	Nouveau-Brunswick .....	9		
	10,272	579,280	628,378	Québec .....	10		
	67,451	6,807,403	5,838,077	Ontario .....	11		
	10,750	1,361,505	920,206	Manitoba .....	12		
	17,125	1,141,454	667,629	Saskatchewan .....	13		
	30,802	4,542,958	1,714,916	Alberta .....	14		
	27,409	1,462,280	1,349,280	Colombie-Britannique .....	15		
	163,874	15,896,923	11,122,770	Canada .....	16		
				<u>Industriel</u>			
	-	-	-	Nouveau-Brunswick .....	17		
	2,032	2,579,208	1,414,485	Québec .....	18		
	8,544	16,891,896	9,629,118	Ontario .....	19		
	303	1,471,707	444,200	Manitoba .....	20		
	643	4,281,487	1,157,598	Saskatchewan .....	21		
	673	10,353,939	1,887,489	Alberta .....	22		
	350	3,473,359	1,388,018	Colombie-Britannique .....	23		
	12,545	39,051,596	15,920,908	Canada .....	24		
	11,877	31,136,183	12,623,853	Service continu .....	25		
	668	7,915,413	3,297,055	Service qui peut être interrompu .....	26		
				<u>Total des ventes</u>			
	1,735	4,834	13,684	Nouveau-Brunswick .....	27		
	217,085	4,566,710	4,155,800	Québec .....	28		
	797,658	31,850,724	25,533,533	Ontario .....	29		
	123,025	4,632,730	2,891,050	Manitoba .....	30		
	142,677	7,458,514	3,425,538	Saskatchewan .....	31		
	303,769	20,043,682	6,378,950	Alberta .....	32		
	236,991	7,944,721	7,085,604	Colombie-Britannique .....	33		
	1,822,940	76,501,915	49,484,159	Canada .....	34		

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				No
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- nomb.	Mcf. -- Mpc.	\$		
1,267	5,718	7,910	Domestique .....	1
442	9,522	11,400	Commercial .....	2
22	28,032	10,418	Industriel .....	3
1,731	43,272	29,728	Total .....	4



TABLE 6. Operating Statistics: Natural Gas Utilities

TABLEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system -- Réseaux de gaz naturel		Total natural gas utilities -- des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
November - 1970 - Novembre:			
Daily average -- Moyenne journalière .....	4,352,026	2,784,047	5,320,072
Maximum(1) .....	4,741,128	...	...
Minimum(1) .....	3,992,287	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	2,582,394	...	...
November - 1969 - Novembre:			
Daily average -- Moyenne journalière .....	3,282,945	2,252,626	4,322,884
Maximum(1) .....	4,251,601	...	...
Minimum(1) .....	2,210,829	...	...
Year to date - 1970 - Année à ce jour:			
Daily average -- Moyenne journalière .....	4,118,427	2,436,065	4,859,757
Maximum(1) .....	4,522,877	...	...
Minimum(1) .....	2,316,945	...	...
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	113,916,356	..	..
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,597	..	..
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	10,551,565	..	..
End of month (Mcf.) -- A la fin du mois (Mpc) .....	10,610,543	..	..
Operating revenues -- Recettes d'exploitation ..... \$	..	49,484,159	..

(1) Non-coincident; -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition

TABLEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas -- Gaz manufacturé	Liquefied petroleum gases -- Gaz de pétrole liquéfiés
	Mcf. -- Mpc.	
Gas receipts -- Arrivages de gaz .....	44,509	95,788
Deliveries to ultimate customers -- Livraison pour consommation .....	43,273	89,058
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	467
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes .....	1,236	6,263
Disposition - Total - de l'utilisation .....	44,509	95,788
Daily average sendout -- Livraison journalière moyenne .....	1,484	3,193
Revenues -- Recettes ..... \$	29,728	139,905



TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot  
TABLEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential -- Domestique	Commercial	Industrial -- Industriel	Total
	Mcf. -- Mpc.			
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	2,791	3,462	-	6,253
Québec .....	1,454,279	587,552	2,633,436	4,675,267
Ontario .....	7,598,241	7,043,034	21,270,266	35,911,541
Manitoba .....	1,660,390	1,330,209	1,628,000	4,618,599
Saskatchewan .....	1,817,509	1,028,689	3,445,031	6,291,229
Alberta .....	6,068,274	5,861,116	11,701,946	23,631,336
British Columbia -- Colombie-Britannique .....	3,287,038	1,838,676	5,607,324	10,733,038
Canada .....	21,888,522	17,692,738	46,286,003	85,867,263

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia -- Colombie- Britannique	Total	Year to date total -- Depuis le début de l'année
	Mcf. -- Mpc.						
Exports -- Exportations .....	259,268	4,422,808	19,718,839	3,956,439	46,764,333	75,121,687	726,451,281
Imports -- Importations .....	-	1,022,285	-	12,885	-	1,035,170	9,376,193

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot  
TABLEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases -- Gaz de pétrole liquéfiés	Manufactured gas -- Gaz manufacturé
	Mcf. -- Mpc.	
Total .....	65,120	20,646

TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port -- Province et bureau de douane	Exports -- Exportations	Imports -- Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	255,185	-
<u>Ontario</u>		
Cornwall .....	484,646	-
Niagara Falls .....	3,868,988	-
Ojibway .....	-	1,031,569
Total .....	4,353,634	1,031,569
<u>Manitoba</u>		
Emerson .....	19,408,306	-
<u>Alberta</u>		
Aden .....	1,191,065	-
Carway .....	2,638,688	-
Coutts .....	10	12,885
Total .....	3,829,763	12,885
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	26,296,172	-
Other United States -- Reste des États-Unis .....	4,083,464	-
Huntingdon .....	14,413,786	-
Total .....	44,793,422	-
<u>Canada</u>		
November -- Novembre 1970 .....	72,640,310	1,044,454
1969 .....	63,599,152	1,636,616
<u>Year to date -- Total cumulatif</u>		
1970 .....	700,619,364	9,407,213
1969 .....	613,393,051	33,274,909
<u>Value -- Valeur</u>		
November -- Novembre 1970 .....	\$ 19,674,807	459,664
1969 .....	\$ 16,652,971	696,736

(1) California, Nevada, Arizona. -- Californie.



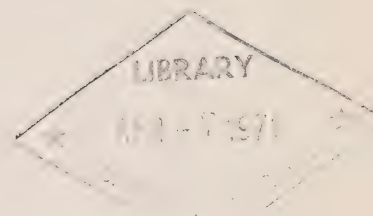


CATALOGUE No.

55-002

MONTHLY - MENSUEL

Gouvernement  
Public



## GAS UTILITIES

## SERVICES DE GAZ

DECEMBER - 1970 - DÉCEMBRE

Published by Authority of  
The Minister of Industry, Trade and Commerce

Publication autorisée par  
le ministre de l'Industrie et du Commerce

DOMINION BUREAU OF STATISTICS  
Manufacturing and Primary  
Industries Division

BUREAU FÉDÉRAL DE LA STATISTIQUE  
Division des industries manufacturières  
et primaires

March - 1971 - Mars  
6503-509

Price—Prix: 20 cents  
\$2.00 a year - par année

Vol. 12—No. 12

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TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Manitoba	Saskatchewan
		Mcf. -- Mpc.				
	<u>Receipts</u>					
1	<u>By transport systems</u>					
1a	Fields .....	-	-	-	-	-
1b	Processing plants .....	-	-	-	-	-
2	<u>By distribution systems</u>					
2a	Fields .....	11,927	18,030	1,695,767	-	3,925,577
2b	Processing plants .....	-	-	-	-	1,712,492
3	Total (1 + 2) .....	11,927	18,030	1,695,767	-	5,638,069
4	Imports .....	-	-	1,436,462	-	-
5	Other receipts(1) .....	-	-	2,637	90,623	-
6	Total net receipts (3 + 4 + 5) .....	11,927	18,030	3,134,866	90,623	5,638,069
7	Received from storage .....	-	198,416	12,260,969	-	1,339,166
9	Total supply of gas utilities (6 + 7) .....	11,927	216,446	15,395,835	90,623	6,977,235
	<u>Transfers from</u>					
11	Other provinces .....	-	5,682,606	48,869,651	77,547,121	82,804,254
12	Distribution by transport (primary) .....	-	-	-	-	4,671,351
13	Other gas utilities .....	-	5,057,913	47,701,339	7,091,344	4,859,343
19	Total gross receipts (9 + 11 + 12 + 13) .....	11,927	10,956,965	111,966,825	84,729,088	99,312,183
	<u>Disposition</u>					
	<u>Sales</u>					
20	Residential .....	2,465	2,692,691	12,499,365	2,840,904	2,823,608
21	Commercial .....	3,578	832,579	10,360,301	2,217,767	1,583,219
22	Industrial .....	-	1,969,833	21,325,495	1,033,226	3,487,220
30	Total sales (20 + 21 + 22) .....	6,043	5,495,103	44,185,161	6,091,897	7,894,047
31	Exports .....	-	303,265(3)	3,929,284	20,973,566	-
32	Other deliveries .....	-	-	2,955	-	38,364
33	Total net deliveries (30 + 31 + 32) .....	6,043	5,798,368	48,117,400	27,065,463	7,932,411
34	Delivered to storage .....	-	3,552	102,030	-	417,633
35	Line pack fluctuation .....	-	-	2,150	- 328,056	42,287
36	Gas used in system .....	-	33,487	3,510,517	831,719	1,632,647
37	Line losses and unaccounted for .....	5,884	63,645	6,850,783	1,198,967	2,208,368
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37). .....	11,927	5,899,052	58,582,880	28,768,093	12,233,346
	<u>Transfers to</u>					
40	Other provinces .....	-	-	5,682,606	48,869,651	77,548,143
41	Distribution by transport (primary) .....	-	5,045,153	42,597,301	7,091,344	4,859,343
42	Other gas utilities .....	-	12,760	5,104,038	-	4,671,351
49	Total disposition (39 + 40 + 41 + 42) .....	11,927	10,956,965	111,966,825	84,729,088	99,312,183

(1) Includes peak shaving and enrichment.

(2) Does not include 969 Mcf., of liquid natural gas imported by motor-carrier.

(3) Does not include 71,051 Mcf., of liquid natural gas exported by motor-carrier.

TABEAU 1. Arrivages et utilisation du gaz naturel, par province

Alberta	British Columbia - - Colombie- Britannique	Canada			N <sup>o</sup>
		December 1970 - - D�cembre	December 1969 - - D�cembre		
		Mcf. -- Mpc.			
Arrivages					
Par r�seaux de transport					
9,951,226	482,912	10,434,138	9,846,787	Gisements .....	1a
118,027,475	26,473,530	144,501,005	124,157,861	Usines de traitement .....	1b
Par r�seaux de distribution					
16,112,760	-	21,764,061	19,131,856	Gisements .....	2a
15,291,432	169,727	17,173,651	14,225,109	Usines de traitement .....	2b
159,382,893	27,126,169	193,872,855	167,361,613	Total (1 + 2) .....	3
16,306	(2)	1,452,768	1,660,654	Importations .....	4
30,226	8,660	132,146	94,067	Autres arrivages(1) .....	5
159,429,425	27,134,829	195,457,769	169,116,334	Total des arrivages nets (3 + 4 + 5) .....	6
655,497	-	14,454,048	11,328,314	Gaz provenant des stocks .....	7
160,084,922	27,134,829	209,911,817	180,444,648	Total des arrivages de gaz (6 + 7) .....	9
Transferts de					
1,022	36,901,434	...	...	Autres provinces .....	11
1,418,037	-	6,089,388	5,857,336	Distribution aux transports (primaire) .....	12
7,531,476	11,970,539	84,211,954	76,090,438	Autres services de gaz .....	13
169,035,457	76,006,802	300,213,159	262,392,422	Total des arrivages bruts (9 + 11 + 12 + 13) ...	19
Utilisation					
Ventes					
8,618,316	4,408,821	33,886,170	29,396,571	Domestique .....	20
7,880,333	2,397,244	25,275,021	21,038,467	Commercial .....	21
12,413,254	4,403,067	44,632,095	41,901,350	Industriel .....	22
28,911,903	11,209,132	103,793,286	92,336,388	Total des ventes (20 + 21 + 22) .....	30
3,970,714	49,690,598	78,867,427	66,716,344	Exportations .....	31
3,389,218	-	3,430,537	1,363,145	Autres livraisons .....	32
36,271,835	60,899,730	186,091,250	160,415,877	Total des livraisons nettes (30 + 31 + 32) ....	33
-	-	523,215	161,128	Livraison � l'entrep�t de stockage .....	34
308,868	40,839	66,088	931,624	Fluctuation du volume de gaz dans le r�seau .....	35
1,529,568	2,302,672	9,840,610	8,111,067	Gaz consomm� dans le r�seau .....	36
2,269,985	793,022	13,390,654	10,824,952	Fuites et autres pertes .....	37
40,380,256	64,036,263	209,911,817	180,444,648	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
Transferts �					
119,705,688	-	...	...	Autres provinces .....	40
2,918,339	-	62,511,480	63,078,678	Distribution par transports (primaire) .....	41
6,031,174	11,970,539	27,789,862	18,869,096	Autres services de gaz .....	42
169,035,457	76,006,802	300,213,159	262,392,422	Total de l'utilisation (39 + 40 + 41 + 42) ....	49

(1) Comprend le nivelage des pointes et l'enrichissement.

(2) N'inclus pas 969 m.p.c. de gaz naturel importés par camion-cylindre.

(3) N'inclus pas 71,051 m.p.c. de gaz naturel exportés par camion-cylindre.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month, Canada

No.		January - - Janvier	February - - Février	March - - Mars	April - - Avril	May - - Mai	June - - Juin	July - - Juillet
		Mcf. -- Mpc.						
	<u>Receipts</u>							
1	<u>By transport systems</u>							
1a	Fields .....	12,340,786	11,062,786	12,166,364	10,503,927	10,832,737	9,108,525	8,464,689
1b	Processing plants .....	123,737,745	113,054,286	123,390,091	116,468,812	111,090,313	101,520,780	103,443,156
2	<u>By distribution systems</u>							
2a	Fields .....	21,246,736	17,256,676	18,728,665	15,187,182	13,006,296	11,032,974	8,700,931
2b	Processing plants .....	15,633,026	12,343,114	13,054,702	11,196,679	10,342,018	9,328,935	9,766,203
3	Total (1 + 2) .....	172,958,293	153,716,862	167,339,822	153,356,600	145,271,364	130,991,214	130,374,979
4	Imports .....	194,577	11,822	526,569	999,464	1,643,925	1,598,389	1,055,472
5	Other receipts(1) .....	388,678	298,919	110,759	- 53,127	3,685	7,561	205,604
6	Total net receipts (3 + 4 + 5).	173,541,548	154,027,603	167,977,150	154,302,937	146,918,974	132,597,164	131,636,055
7	Received from storage .....	18,340,903	13,721,986	10,181,781	2,490,025	273,404	1,135,570	547,689
9	Total supply of gas utilities (6 + 7).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378	133,732,734	132,183,744
	<u>Transfers from</u>							
11	Other provinces .....	...	...	...	...	...	...	...
12	Distribution to transport (primary).	6,436,726	5,398,968	5,973,149	5,239,201	4,421,514	4,557,286	4,213,314
13	Other gas utilities .....	78,503,097	70,605,869	74,302,012	61,463,561	62,311,798	57,537,870	60,655,150
19	Total gross receipts (9 + 11 + 12 + 13).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690	195,827,890	197,052,208
	<u>Disposition</u>							
	<u>Sales</u>							
20	Residential .....	40,589,402	35,923,711	31,471,757	25,557,516	14,530,801	8,652,946	5,365,500
21	Commercial .....	27,765,400	25,151,780	22,879,206	19,644,834	11,910,772	7,305,233	5,246,603
22	Industrial .....	40,923,370	39,171,798	42,313,712	42,197,408	40,434,359	37,281,971	35,034,750
30	Total sales (20 + 21 + 22).	109,278,172	100,247,289	96,664,675	87,399,758	66,875,932	53,240,150	45,646,853
31	Exports .....	67,248,736	62,158,508	67,901,264 <sup>3</sup>	66,639,064	63,951,720	61,037,764	60,678,231
32	Other deliveries .....	1,798,695	1,601,866	1,654,320	171,465	672,649	1,017,336	884,493
33	Total net deliveries (30 + 31 + 32).	178,325,603	164,007,663	166,220,259	154,210,287	131,500,301	115,295,250	107,209,577
34	Delivered to storage .....	283,309	338,573	275,986	3,813,019	12,855,500	16,462,469	18,734,718
35	Line pack fluctuation .....	328,645	2,536,402	455,677	300,291	228,432	- 978,216	488,138
36	Gas used in system .....	8,579,814	4,346,602	8,582,933	7,836,094	7,319,858	6,463,724	5,325,726
37	Line losses and unaccounted for.	4,365,080	- 3,479,651	2,624,076	- 9,366,729	- 4,711,713	- 3,510,493	425,585
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37).	191,882,451	167,749,589	178,158,931	156,792,962	147,192,378	133,732,734	132,183,744
	<u>Transfers to</u>							
40	Other provinces .....	...	...	...	...	...	...	...
41	Distribution by transport (primary).	64,241,071	56,340,663	62,428,784	54,156,440	51,787,560	44,810,680	45,706,133
42	Other gas utilities .....	20,698,752	19,664,174	17,846,377	12,546,322	14,945,752	17,284,476	19,162,331
49	Total disposition (39 + 40 + 41 + 42).	276,822,274	243,754,426	258,434,092	223,495,724	213,925,690	195,827,890	197,052,208

(1) Includes peak shaving and enrichment. (2) Does not include 969 Mcf., of liquid natural gas imported by motor carrier. (3) Does not include 151,003 mcf., of liquid natural gas exported by motor carrier. (4) Does not include 132,483 Mcf., of natural gas exported by motor carrier. (5) Does not include 217,867 Mcf., of natural gas exported by motor carrier. (6) Does not include 26,584 Mcf., of natural gas exported by motor carrier. (7) Does not include 90,513 Mcf., of natural gas exported by motor carrier. (8) Does not include 71,051 Mcf., of natural gas exported by motor carrier. (9) Does not include 689,501 Mcf., of natural gas exported by motor carrier.

TABEAU 2. Arrivages et utilisation du gaz naturel, par mois, Canada

August -- Août	September -- Septembre	October -- Octobre	November -- Novembre	December -- Décembre	Year to date -- Total cumulatif		N°	
					1970	1969		
					Mcf. -- Mpc.			
							<u>Arrivages</u>	
							<u>Par réseaux de transports</u>	1
8,779,257	8,812,838	10,217,710	3,932,765	10,434,138	121,656,522	100,243,802	Gisements .....	1a
106,498,697	112,843,098	116,194,749	30,261,474	144,501,005	1,403,004,206	1,190,429,675	Usines de traitement .....	1b
							<u>Par réseaux de distribution</u>	2
7,832,450	10,925,489	14,838,713	17,754,738 <sup>r</sup>	21,764,061	178,274,911	172,456,294	Gisements .....	2a
9,526,182	11,112,446	13,819,207	14,780,668	17,173,651	148,076,831	143,288,552	Usines de traitement .....	2b
132,636,586	143,693,871	155,070,379	171,729,645 <sup>r</sup>	193,872,855	1,851,012,470	1,606,418,323	Total (1 + 2) .....	3
1,472,030	497,684	362,827	1,044,454	1,452,768	10,859,981 <sup>2</sup>	34,935,563	Importations .....	4
38,022	8,366	10,144	291,838	132,146	1,442,595	883,288	Autres arrivages (1) .....	5
134,146,638	144,199,921	155,443,350	173,065,937 <sup>r</sup>	195,457,769	1,863,315,046	1,642,237,174	Total des arrivages nets (3 + 4 + 5).	6
360,897	629,915	1,135,942	7,470,941	14,454,048	70,743,101	65,024,170	Gas provenant des stocks ....	7
134,507,535	144,829,836	156,579,292	180,536,878 <sup>r</sup>	209,911,817	1,934,058,147	1,707,261,344	Total des arrivages de gaz (6 + 7).	9
							<u>Transferts de</u>	
3,811,910	14,348,378	6,616,585	4,843,674	6,089,388	71,950,093	68,454,471	Autres provinces .....	11
67,874,804	62,580,843	63,849,783	70,438,173 <sup>r</sup>	84,211,954	814,334,914	697,273,586	Distribution aux transports (primaire).	12
206,194,249	221,759,057	227,045,660	255,818,725 <sup>r</sup>	300,213,159	2,820,343,154	2,472,989,401	Autres services de gaz ....	13
							Total des arrivages bruts (9 + 11 + 12 + 13).	19
							<u>Utilisation</u>	
							<u>Ventes</u>	
4,773,761	6,781,734	13,015,606	21,244,133 <sup>r</sup>	33,886,170	241,793,037	231,464,921	Domestique .....	20
5,581,579	7,165,177	11,060,038	17,158,984	25,275,021	186,144,627	168,419,747	Commercial .....	21
36,233,681	41,056,389	45,103,484	45,120,198	44,632,095	489,503,215	444,828,717	Industriel .....	22
46,589,021	55,003,300	69,179,128	83,523,315 <sup>r</sup>	103,793,286	917,440,879	844,713,385	Total des ventes (20 + 21 + 22).	30
56,837,144 <sup>4</sup>	59,869,062 <sup>5</sup>	61,657,561 <sup>6</sup>	72,640,310 <sup>7</sup>	78,867,427 <sup>8</sup>	779,486,791 <sup>9</sup>	680,109,395	Exportations .....	31
1,474,632	2,292,557	2,129,419	2,629,201 <sup>r</sup>	3,450,537	19,777,170	13,297,187	Autres livraisons .....	32
104,900,797	117,164,919	132,966,108	158,792,826 <sup>r</sup>	186,091,250	1,716,684,840	1,538,119,967	Total des livraisons net- tes (30 + 31 + 32).	33
19,908,395	14,070,340	5,013,650	809,039	523,215	93,088,213	66,300,359	Livraisons à l'entrepôt de stockage.	34
- 239,942	2,142,688	2,308,965	- 536,228	66,088	7,100,940	3,621,619	Fluctuation du volume de gaz dans le réseau.	35
6,692,750	5,378,633	7,097,096	8,199,444	9,840,610	85,663,284	75,327,249	Gaz consommé dans le réseau	36
3,245,535	6,073,256	9,193,473	13,271,797	13,390,654	31,520,870	23,892,150	Fuites et autres pertes .....	37
134,507,535	144,829,836	156,579,292	180,536,878 <sup>r</sup>	209,911,817	1,934,058,147	1,707,261,344	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39
							<u>Transferts à</u>	
51,452,114	56,629,875	56,821,190	57,920,481	62,511,480	664,806,471	546,189,221	Autres provinces .....	40
20,234,600	20,299,346	13,645,178	17,361,366 <sup>r</sup>	27,789,862	221,478,536	219,538,836	Distribution par transports (primaire).	41
206,194,249	221,759,057	227,045,660	255,818,725 <sup>r</sup>	300,213,159	2,820,343,154	2,472,989,401	Autres services de gaz ....	42
							Total de l'utilisation (39 + 40 + 41 + 42).	49

(1) Comprend le nivelage des pointes et l'enrichissement. (2) N'inclus pas 969 m.p.c. de gaz naturel importés par camion-cylindre. (3) N'inclus pas 151,003 m.p.c. de gaz naturel exportés par camion-cylindre. (4) N'inclus pas 132,483 m.p.c. de gaz naturel exportés par camion-cylindre. (5) N'inclus pas 217,867 m.p.c. de gaz naturel exportés par camion-cylindre. (6) N'inclus pas 26,584 m.p.c. de gaz naturel exportés par camion-cylindre. (7) N'inclus pas 90,513 m.p.c. de gaz naturel exportés par camion-cylindre. (8) N'inclus pas 71,051 m.p.c. de gaz naturel exportés par camion-cylindre. (9) N'inclus pas 689,501 m.p.c. de gaz naturel exportés par camion-cylindre.



TABLE 3. Receipts and Disposition of Natural Gas by Source

No.		New Brunswick - - Nouveau-Brunswick	Québec	Ontario	Saskat- chewan
		Mcf. -- Mpc.			
	<u>December 1970</u>				
	<u>Receipts</u>				
1	<u>By transport systems</u>				
1a	Fields .....	-	-	-	-
1b	Processing plants .....	-	-	-	-
2	<u>By distribution systems</u>				
2a	Fields .....	11,927	18,030	1,695,767	3,925,577
2b	Processing plants .....	-	-	-	1,712,492
3	Total (1 + 2) .....	11,927	18,030	1,695,767	5,638,069
4	Imports .....	-	-	-	-
5	Other receipts(1) .....	-	-	2,637	-
6	Total net receipts (3 + 4 + 5) .....	11,927	18,030	1,698,404	5,638,069
7	Received from storage .....	-	198,416	12,260,969	1,339,166
9	Total supply of gas utilities (6 + 7) .....	11,927	216,446	13,959,373	6,977,235
	<u>Disposition</u>				
	<u>Sales</u>				
23	British Columbia .....	-	-	-	-
24	Alberta .....	-	-	-	-
25	Saskatchewan .....	-	-	-	4,063,455
26	Manitoba .....	-	-	-	187,992
27	Ontario .....	-	-	12,940,492	-
28	Québec .....	-	216,446	-	-
29	New Brunswick .....	6,043	-	-	-
30	Total sales (23 + 24 + 25 + 26 + 27 + 28 + 29) .....	6,043	216,446	12,940,492	4,251,447
31	Exports .....	-	-	-	-
32	Other deliveries .....	-	-	-	38,364
33	Total net deliveries (30 + 31 + 32) .....	6,043	216,446	12,940,492	4,289,811
34	Delivered to storage .....	-	-	-	417,633
35	Line pack fluctuation .....	-	-	-	35,300
36	Gas used in system .....	-	-	63,210	259,105
37	Line losses and unaccounted for .....	5,884	-	955,671	1,975,386
39	Total demand on gas utilities (33 + 34 + 35 + 36 + 37) .....	11,927	216,446	13,959,373	6,977,235

(1) Includes peak shaving and enrichment.



TABLEAU 3. Arrivages et utilisation du gaz naturel, par région d'origine

Alberta	British Columbia - - Colombie- Britannique	Imports from U.S.A. - - Importations des É.-U.	Total		N <sup>o</sup>
Mcf. -- Mpc.					
<u>Décembre 1970</u>					
<u>Arrivages</u>					
<u>Par réseaux de transport</u>					1
9,951,226	482,912	-	10,434,138	Gisements .....	1a
118,027,475	26,473,530	-	144,501,005	Usines de traitement .....	1b
<u>Par réseaux de distribution</u>					2
16,112,760	-	-	21,764,061	Gisements .....	2a
15,291,432	169,727	-	17,173,651	Usines de traitement .....	2b
159,382,893	27,126,169	-	193,872,855	Total (1 + 2) .....	3
-	-	1,452,768	1,452,768	Importations .....	4
120,849	8,660	-	132,146	Autres arrivages (1) .....	5
159,503,742	27,134,829	1,452,768	195,457,769	Total des arrivages nets (3 + 4 + 5) .....	6
655,497	-	-	14,454,048	Gaz provenant des stocks .....	7
160,159,239	27,134,829	1,452,768	209,911,817	Total des arrivages de gaz (6 + 7) .....	9
<u>Utilisation</u>					
<u>Ventes</u>					
1,178,082	10,031,050	-	11,209,132	Colombie-Britannique .....	23
28,894,923	-	16,980	28,911,903	Alberta .....	24
3,830,592	-	-	7,894,047	Saskatchewan .....	25
5,903,905	-	-	6,091,897	Manitoba .....	26
29,808,207	-	1,436,462	44,185,161	Ontario .....	27
5,278,657	-	-	5,495,103	Québec .....	28
-	-	-	6,043	Nouveau-Brunswick .....	29
74,894,366	10,031,050	1,453,442	103,793,286	Total des ventes (23 + 24 + 25 + 26 + 27 + 28 + 29).	30
64,501,776	14,365,651	-	78,867,427	Exportations .....	31
3,392,173	-	-	3,430,537	Autres livraisons .....	32
142,788,315	24,396,701	1,453,442	186,091,250	Total des livraisons nettes (30 + 31 + 32) ....	33
105,582	-	-	523,215	Livraison à l'entrepôt de stockage .....	34
- 10,051	40,839	-	66,088	Fluctuation du volume de gaz dans le réseau .....	35
7,518,943	1,999,352	-	9,840,610	Gaz consommé dans le réseau .....	36
9,756,450	697,937	- 674	13,390,654	Fuites et autres pertes .....	37
160,159,239	27,134,829	1,452,768	209,911,817	Total de la demande de gaz (33 + 34 + 35 + 36 + 37).	39

(1) Comprend le nivelage des pointes et l'enrichissement.

TABLE 4. Sales of Natural Gas

No.		December - 1970 - Décembre					
		Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes	Sales per customer -- Ventes par consommateur	Revenue per Mcf. -- Recettes par Mpc.
		Space heating -- Chauffage d'habitation	Total				
		No. -- nomb.		Mcf. -- Mpc.	\$	Mcf. -- Mpc.	\$
	<u>Residential</u>						
1	New Brunswick .....	130	1,525	2,465	9,071	1.6	3.68
2	Quebec .....	106,655	201,582	2,692,691	3,728,006	13.4	1.38
3	Ontario .....	603,245	746,724	12,499,365	14,960,668	16.7	1.20
4	Manitoba .....	115,283	117,356	2,840,904	2,423,015	24.2	0.85
5	Saskatchewan .....	124,731	127,441	2,823,608	2,068,779	22.2	0.73
6	Alberta .....	284,385	286,909	8,618,316	4,198,908	30.0	0.49
7	British Columbia .....	190,466	222,491	4,408,821	5,488,730	19.8	1.24
8	Canada .....	1,424,895	1,704,028	33,886,170	32,877,177	19.9	0.97
	<u>Commercial</u>						
9	New Brunswick .....	55	55	3,578	6,727	65.0	1.88
10	Quebec .....	10,092	10,092	832,579	947,995	82.5	1.14
11	Ontario .....	72,001	72,001	10,360,301	8,859,621	143.9	0.86
12	Manitoba .....	11,402	11,402	2,217,767	1,502,432	194.5	0.68
13	Saskatchewan .....	17,463	17,463	1,583,219	903,672	90.7	0.57
14	Alberta .....	32,534	32,534	7,880,333	2,852,384	242.2	0.36
15	British Columbia .....	29,351	29,351	2,397,244	2,183,863	81.7	0.91
16	Canada .....	172,898	172,898	25,275,021	17,256,694	146.2	0.68
	<u>Industrial</u>						
17	New Brunswick .....	-	-	-	-	-	-
18	Quebec .....	1,921	1,921	1,969,833	1,369,917	1,025	0.70
19	Ontario .....	8,949	8,949	21,325,495	12,247,716	2,383	0.57
20	Manitoba .....	327	327	1,033,226	404,854	3,160	0.39
21	Saskatchewan .....	663	663	3,487,220	1,094,529	5,260	0.31
22	Alberta .....	630	630	12,413,254	2,400,830	19,703	0.19
23	British Columbia .....	392	392	4,403,067	1,857,280	11,232	0.42
24	Canada .....	12,882	12,882	44,632,095	19,375,126	3,465	0.43
25	Firm .....	12,108	12,108	36,542,081	16,034,867	..	..
26	Interruptible .....	774	774	8,090,014	3,340,259	..	..
	<u>Total sales</u>						
27	New Brunswick .....	1,580	1,580	6,043	15,798	3.8	2.61
28	Quebec .....	213,595	213,595	5,495,103	6,045,918	25.7	1.10
29	Ontario .....	827,674	827,674	44,185,161	36,068,005	53.4	0.82
30	Manitoba .....	129,085	129,085	6,091,897	4,330,301	47.2	0.71
31	Saskatchewan .....	145,567	145,567	7,894,047	4,066,980	54.2	0.52
32	Alberta .....	320,073	320,073	28,911,903	9,452,122	90.3	0.33
33	British Columbia .....	252,234	252,234	11,209,132	9,529,873	44.4	0.85
34	Canada .....	1,889,808	1,889,808	103,793,286	69,508,997	54.9	0.67

TABLE 5. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas

No.		Liquefied petroleum gases -- Gaz de pétrole liquéfiés		
		Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes
		No. -- nomb.	Mcf. -- Mpc.	\$
1	Residential .....	10,515	43,390	73,787
2	Commercial .....	2,326	60,591	83,875
3	Industrial .....	7	284	423
4	Total .....	12,848	104,265	158,085

TABLEAU 4. Ventes de gaz naturel

December - 1969 - Décembre					No
Customers -- Clients		Gas sold -- Gaz vendu	Revenue -- Recettes		
Space heating -- Chauffage d'habitation	Total				
No. -- nomb.					
		Mcf. -- Mpc.	\$		
				<u>Domestique</u>	
130	1,681	2,756	9,480	Nouveau-Brunswick .....	1
107,851	205,387	2,171,129	3,015,959	Québec .....	2
595,408	726,916	13,148,013	15,642,960	Ontario .....	3
110,783	112,983	2,281,194	1,899,871	Manitoba .....	4
122,864	125,352	2,364,902	1,793,684	Saskatchewan .....	5
269,237	274,958	5,991,755	3,058,001	Alberta .....	6
185,538	210,996	3,436,822	4,318,353	Colombie-Britannique .....	7
1,391,811	1,658,273	29,396,571	29,738,808	Canada .....	8
				<u>Commercial</u>	
	54	2,300	4,876	Nouveau-Brunswick .....	9
	10,293	713,004	818,196	Québec .....	10
	68,358	9,770,090	8,377,344	Ontario .....	11
	10,906	1,752,651	1,161,992	Manitoba .....	12
	17,302	1,362,898	786,713	Saskatchewan .....	13
	31,197	5,580,618	2,074,310	Alberta .....	14
	27,710	1,856,906	1,698,252	Colombie-Britannique .....	15
	165,820	21,038,467	14,921,683	Canada .....	16
				<u>Industriel</u>	
	-	-	-	Nouveau-Brunswick .....	17
	2,020	2,032,900	1,358,981	Québec .....	18
	8,592	18,029,552	10,476,048	Ontario .....	19
	303	1,271,032	409,520	Manitoba .....	20
	659	3,936,232	1,212,152	Saskatchewan .....	21
	669	12,747,529	2,192,366	Alberta .....	22
	345	3,884,105	1,642,206	Colombie-Britannique .....	23
	12,588	41,901,350	17,291,273	Canada .....	24
	11,919	36,131,208	14,794,513	Service continu .....	25
	669	5,770,142	2,496,760	Service qui peut être interrompu .....	26
				<u>Total des ventes</u>	
	1,735	5,056	14,356	Nouveau-Brunswick .....	27
	217,700	4,917,033	5,193,136	Québec .....	28
	803,866	40,947,655	34,496,352	Ontario .....	29
	124,192	5,304,877	3,471,383	Manitoba .....	30
	143,313	7,664,032	3,792,549	Saskatchewan .....	31
	306,824	24,319,902	7,324,677	Alberta .....	32
	239,051	9,177,833	7,658,811	Colombie-Britannique .....	33
	1,836,681	92,336,388	61,951,264	Canada .....	34

TABLEAU 5. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé

Manufactured gas -- Gaz manufacturé				No
Customers -- Clients	Gas sold -- Gaz vendu	Revenue -- Recettes		
No. -- nomb.	Mcf. -- Mpc.	\$		
1,257	3,803	4,824		
443	9,059	10,686	Domestique .....	1
22	18,339	7,418	Commercial .....	2
1,722	31,201	22,928	Industriel .....	3
			Total .....	4

TABLE 4A. Sales of Natural Gas, 1970

TABLEAU 4A. Ventes de gaz naturel, 1970

No.		Gas sold - - Gaz vendu	Revenue - - Recettes
	<u>Residential -- Domestique</u>		
1	New Brunswick -- Nouveau-Brunswick .....	33,233	112,824
2	Québec .....	14,624,734	23,745,620
3	Ontario .....	101,238,857	123,042,864
4	Manitoba .....	20,040,819	17,289,734
5	Saskatchewan .....	22,271,041	17,680,468
6	Alberta .....	56,959,859	31,296,810
7	British Columbia -- Colombie-Britannique .....	26,624,494	33,521,834
8	Canada .....	241,793,037	246,690,154
	<u>Commercial</u>		
9	New Brunswick -- Nouveau-Brunswick .....	28,829	59,730
10	Québec .....	6,784,456	7,774,325
11	Ontario .....	80,899,172	70,633,114
12	Manitoba .....	15,443,575	10,497,449
13	Saskatchewan .....	12,584,449	7,446,325
14	Alberta .....	51,862,452	19,596,662
15	British Columbia -- Colombie-Britannique .....	18,541,694	17,056,663
16	Canada .....	186,144,627	133,064,268
	<u>Industrial -- Industriel</u>		
17	New Brunswick -- Nouveau-Brunswick .....	-	-
18	Québec .....	29,295,393	16,332,309
19	Ontario .....	223,843,748	111,823,220
20	Manitoba .....	16,061,956	5,055,572
21	Saskatchewan .....	44,804,650	12,859,693
22	Alberta .....	123,877,321	23,803,927
23	British Columbia -- Colombie-Britannique .....	51,620,147	21,597,805
24	Canada .....	489,503,215	202,562,526
	<u>Total sales -- Total des ventes</u>		
25	New Brunswick -- Nouveau-Brunswick .....	62,062	172,554
26	Québec .....	50,704,583	47,852,254
27	Ontario .....	405,981,777	318,589,198
28	Manitoba .....	51,546,350	32,842,755
29	Saskatchewan .....	79,660,140	37,986,486
30	Alberta .....	232,699,632	71,697,399
31	British Columbia -- Colombie-Britannique .....	96,786,335	73,176,302
32	Canada .....	917,440,879	582,316,948

TABLE 5A. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas, 1970

TABLEAU 5A. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé, 1970

No.		Liquefied petroleum gases - - Gaz de pétrole liquéfiés		Manufactured gas - - Gaz manufacturé	
		Gas sold - - Gaz vendu	Revenue - - Recettes	Gas sold - - Gaz vendu	Revenue - - Recettes
1	Residential -- Domestique .....	372,143	710,069	62,728	83,190
2	Commercial .....	544,831	478,624	118,279	140,441
3	Industrial -- Industriel .....	5,129	7,542	309,980	112,783
4	Total .....	922,103	1,196,235	490,987	336,414

TABLE 6. Operating Statistics: Natural Gas Utilities  
TABLEAU 6. Statistiques d'exploitation: services de gaz naturel

	Natural gas system -- Réseaux de gaz naturel		Total natural gas utilities -- des services de gaz naturel
	Transport	Distribution	
<u>Daily sendouts (Mcf.) -- Livraisons journalières (Mpc)</u>			
December - 1970 - Décembre:			
Daily average -- Moyenne journalière .....	4,560,610	3,348,171	6,019,821
Maximum(1) .....	5,025,240	...	...
Minimum(1) .....	4,397,107	...	...
Exports maximum(1) -- Maximum des exportations(1) .....	2,638,821	...	...
December - 1969 - Décembre:			
Daily average -- Moyenne journalière .....	4,186,936	2,928,644	5,129,954
Maximum(1) .....	4,495,392	...	...
Minimum(1) .....	3,767,265	...	...
Year to date - 1970 - Année à ce jour:			
Daily average -- Moyenne journalière .....	3,956,968	2,513,537	4,958,282
Maximum(1) .....	5,025,240	...	...
Minimum(1) .....	2,316,945	...	...
<u>Commodity miles -- Milles-marchandise</u>			
Mcf. miles (thousands) -- Milles marchandise Mpc. (en milliers) .....	125,145,761	...	...
Ton-miles (millions) -- Tonnes milliaires (en millions) ....	2,583	...	...
<u>Line pack -- Volume de gaz dans le réseau</u>			
Beginning of month (Mcf.) -- Au début du mois (Mpc) .....	10,610,543	...	...
End of month (Mcf.) -- A la fin du mois (Mpc) .....	11,662,126	...	...
Operating revenues -- Recettes d'exploitation .....	...	69,508,997	...

(1) Non-coincident. -- Ne coïncident pas.

TABLE 7. Manufactured and Liquefied Petroleum Gases Utilities  
Receipts and Disposition  
TABLEAU 7. Services de gaz manufacturé et de gaz de pétrole liquéfiés  
Arrivages et utilisation

	Manufactured Gas -- Gaz manufacturé	Liquefied petroleum gases -- Gaz de pétrole liquéfiés
	Mcf. -- Mpc.	
Gas receipts -- Arrivages de gaz .....	35,366	123,629
Deliveries to ultimate customers -- Livraison pour consommation .....	31,201	104,265
Line pack fluctuations -- Fluctuation du volume de gaz dans le réseau .....	-	-
Gas used in system -- Gaz consommé dans le réseau .....	-	1,645
Metering difference, line losses, cyclical billing adjustments and unaccounted for -- Erreurs de mesurage, fuites, compensation cyclique dans la facturation, autres pertes .....	4,165	17,719
Disposition - Total - de l'utilisation .....	35,366	123,629
Daily average sendout -- Livraison journalière moyenne .....	1,141	3,988
Revenues -- Recettes .....	22,928	158,085

TABLE 8. Sales of Natural Gas in Mcf. with a Heat Content of 1,000 B.T.U. per Cubic Foot

TABLEAU 8. Ventes de gaz naturel en Mpc. avec pouvoir calorifique de 1,000 B.T.U. au pied cube

	Residential - - Domestique	Commercial	Industrial - - Industriel	Total
	Mcf. -- Mpc.			
<u>Sales -- Ventes</u>				
New Brunswick -- Nouveau-Brunswick .....	3,007	4,365	-	7,372
Québec .....	2,737,089	845,896	2,002,852	5,585,837
Ontario .....	12,708,683	10,537,775	21,689,475	44,935,933
Manitoba .....	2,881,034	2,250,013	1,042,663	6,173,710
Saskatchewan .....	2,819,260	1,580,839	3,481,615	7,881,714
Alberta .....	9,068,151	8,316,562	12,954,863	30,339,576
British Columbia -- Colombie-Britannique .....	4,612,275	2,503,047	4,612,883	11,728,205
Canada .....	34,829,499	26,038,497	45,784,351	106,652,347

TABLE 9. Exports and Imports of Natural Gas at 1,000 B.T.U. per Cubic Foot

TABLEAU 9. Exportations et importations de gaz naturel à 1,000 B.T.U. au pied cube

	Québec	Ontario	Manitoba	Alberta	British Columbia - - Colombie- Britannique	Total	Year to date total - - Depuis le début de l'année
	Mcf. -- Mpc.						
Exports -- Exportations .....	308,724	4,000,011	21,372,064	4,096,720	52,982,942	82,760,461	809,211,742
Imports -- Importations .....	-	1,348,838	-	16,306	-	1,365,144	9,741,337

TABLE 10. Pipe line Sales of Liquefied Petroleum Gases and Manufactured Gas at 1,000 B.T.U. per Cubic Foot

TABLEAU 10. Ventes par gazoduc: gaz de pétrole liquéfiés et gaz manufacturé à 1,000 B.T.U. au pied cube

	Liquefied petroleum gases - - Gaz de pétrole liquéfiés	Manufactured gas - - Gaz manufacturé
	Mcf. -- Mpc.	
Total .....	79,125	14,870



TABLE 11. Exports and Imports to and from the United States  
TABLEAU 11. Commerce d'exportation et d'importation avec les États-Unis

Province and customs port -- Province et bureau de douane	Exports -- Exportations	Imports -- Importations
	Mcf. -- Mpc.	
<u>Québec</u>		
Phillipsburg .....	303,265	-
<u>Ontario</u>		
Cornwall .....	641,709	-
Niagara Falls .....	3,287,575	-
Ojibway .....	-	1,436,462
Total .....	3,929,284	1,436,462
<u>Manitoba</u>		
Emerson .....	20,973,566	-
<u>Alberta</u>		
Aden .....	1,247,065	-
Carway .....	2,723,639	-
Coutts .....	10	16,306
Total .....	3,970,714	16,306
<u>British Columbia -- Colombie-Britannique</u>		
Kingsgate - United States District V South(1) -- États-Unis district V sud(1) .....	30,168,886	-
Other United States -- Reste des États-Unis .....	4,357,962	-
Huntingdon .....	15,163,750	-
Total .....	49,690,598	-
<u>Canada</u>		
December -- Décembre 1970 .....	78,867,427	1,452,768
1969 .....	66,716,344	1,660,654
<u>Year to date -- Total cumulatif</u>		
1970 .....	779,486,791	10,859,981
1969 .....	680,109,395	34,935,563
<u>Value -- Valeur</u>		
1970 .....	\$ 208,781,548	4,801,886
1969 .....	\$ 179,216,476	17,186,514
<u>December -- Décembre</u>		
1970 .....	\$ 21,245,233	639,814
1969 .....	\$ 17,518,034	740,144

(1) California, Nevada, Arizona. -- Californie.













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